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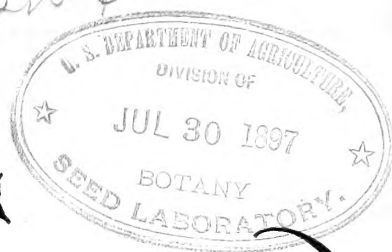
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JAMES J. H. GREGORY

&
SON'S



Marblehead
Mass.

 We will thank any of our friends sending us the names of persons residing in their neighborhood who would be likely to need a supply of good Vegetable Seed, for we should like to send such our Catalogue. 

BOOKS FOR FARMERS AND OTHERS.

A NEW BOOK FOR FARMERS AND GARDENERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, etc.

BY JAMES J. H. GREGORY, MARBLEHEAD, MASS.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of Fertilizers, to publish our lectures. To

oblige our many friends who have made this request, and as a help to many of our customers who are seeking help along this dark and difficult road, we now do so. In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of the fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cts.; cloth, 65 cts.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for \$1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING: What Kinds to Raise, and the Way to Raise Them. By J. J. H. GREGORY, Marblehead, Mass.

This work, which we issued in 1863, has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed, Potato Onions, Onion Sets, Top Onions, Shallots, and Rare-ripes, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seed,—beginning with the selecting the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details, embracing every department of the subject. Illustrated with thirteen engravings of Onions, Sowing Machines, and Weeding Machines.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains several illustrations, including a section of our squash house, with full directions for erecting one. In plan and thoroughness it is similar to our Onion treatise, *very minute and thorough*. Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing, and marketing of the crops—giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatises on the theory that what the public want is *minuteness and thoroughness of detail*.

CABBAGES, AND HOW TO RAISE THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with the selecting the ground, and carries the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities.

CARROTS, MANGOLD-WURZELS, AND SUGAR BEETS: What Kinds to Raise, How to Grow Them, and How to Feed Them. By J. J. H. GREGORY, Marblehead, Mass.

The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold-wurzel, has led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book.

In response to inquiries made for books treating on various subjects of interest to the farmer, we offer the following list of works, all by authors of high reputation, any of which will be sent, postpaid, to any address in the United States or Canada, on receipt of the price.

Asparagus Culture.....	\$0.50	Hog Raising and Pork Making.....	\$0.40
An Egg Farm, How to Manage Poultry Largely.....	.50	Hop Culture.....	.30
Allen's (R. L. and L. F.) New American Farm Book.....	2.50	How to make Caudy.....	.50
Bommer's Method of Making Manures.....	.25	Hunter and Trapper.....	.75
Broom Corn and Brooms..... Cloth,	.50	How Crops Grow. By Prof. Johnson.....	2.00
Brown's Taxidermist's Manual.....	1.00	Jennings on Sheep, Swine, and Poultry.....	1.25
Cauliflower Growing and Cauliflower Cooking. (New.) 220 pp.....	1.00	Keeping one Cow.....	1.00
Canary Birds..... Paper,	.50	Oemler's Truck Farming for the South. (New.).....	1.50
Chorlton's Grape Grower's Guide.....	.75	Our Farm of Four Acres.....	.30
Cider Maker's Handbook (New.).....	1.00	Peach Culture. Fulton.....	1.50
Cranberry Culture. By Joseph J. White.....	1.25	Pedder's Land Measurer.....	.60
Dadd's (George H.) Modern Horse Doctor.....	1.50	Practical Floriculture. By P. Henderson.....	1.50
Dadd's American Cattle Doctor.....	1.50	Practical Fruit Grower. Full of valuable hints.....	.50
Family Horse (New.) By Geo. A. Martin. (Extremely popular.).....	1.00	Quince Culture. (New.) By W. W. Meech.....	1.00
Fuller's Small Fruit Culturist. (New edition, enlarged).....	1.50	Quinn's Money in the Garden.....	1.50
Fuller's Strawberry Culturist.....	.25	Quincy's New Bee Keeping.....	1.50
Harris on the Pig. By Joseph Harris.....	1.50	Rawson's Celery and its Cultivation.....	.25
Harris' Talks on Manures.....	1.75	Silos, Ensilage, and Silage. (New.) A practical treatise. By Manly Miles.....	.50
Henderson's Gardening for Pleasure. (New and enlarged edition).....	2.00	Sweet-Potato Culture. (New and enlarged edition).....	.60
Henderson's Gardening for Profit. (New revised and enlarged edition).....	2.00	The Horse: How to buy and Sell.....	1.00
		Tobacco Culture.....	.25
		Twenty-five-cent Dinners for Families of Six.....	.25

To Our Patrons

A Word with Our Patrons.—This season we have the pleasure of presenting you with an enlarged catalogue. We are thereby enabled to add more illustrations and greater variety to the different departments. We trust our friends may find in them a greater ability to supply their wants. As we sit down in our room this Thanksgiving morning to write the introductory page, we would first of all send a hearty greeting to all the families of our farmer friends, and a strong desire that as you gather at your ancestral homes this may be a happy day with all of you. If we farmers, who by reason of our calling come more directly in contact with proofs of the eternal power and love than any other class of men, cannot thank the Great Father of us all from the bottom of our hearts, where else can He turn to find His loving children?

The Seed Crop.—The crop of beans and wrinkled peas are not up to the average. Tomatoes have not seeded as heavily as usual. The crop of onion seed is nearly a third below the average. With these exceptions the seed crops of last season were satisfactory.

New Vegetables.—Among the new vegetables which we catalogue this season for the first time, we would especially invite the attention of our friends to the Stabler, Bonanza and Country Gentleman corn. They will find in each of these that sweetness we so much like in our table corn. They mature in the order in which they are named. The Belmont and Royal Red tomatoes we consider especially fine varieties. If you have not yet raised the Warren bush bean, or Nott's Excelsior pea, there is a pleasant surprise in store for you: give each of them liberal manuring.

A Present in the Agricultural Line.—We will continue our practice of the past two years, of giving to our customers a year's subscription to one hundred agricultural papers and magazines. We trust they enjoy the receiving of them as much as we enjoy the giving of them, for we like for our farmer friends to get some advantage from what surplus funds we may have to spare. We will distribute these by assigning one to every hundredth seed order received, until all are disposed of, with no reference to the size of the order, for the papers we give more from kindly feeling towards our customers than as premiums. A full list of all the agricultural works published in the United States and Canada will be sent to select from. We cannot spare space sufficient to give each year the names of those to whom they were sent the year previous, but any one interested in such matters can see the list at our seed-house.

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy briefly to report results, when desired to do so.

Every season we have the various items in our catalogue carefully gone over, with the view of making our prices as reasonable as possible, and we think our customers will find, bearing in mind the cash discounts we offer, that our rates average as low as those of standard seedsmen of good repute.

Free Seed.—With average orders, for years we have practised dropping in an extra package of some nice variety, very likely a novelty, which we would be pleased to have our customers test and report on. This we shall continue to do.

Testing Seed.—Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seed are made every season, and thousands of dollars' worth thrown away, all of which is more or less good, but not up to the standard for honest seed. These tests are made in three ways; one, by sprouting in thick layers of woollen cloth; keep at the right degree of moisture and temperature; another, in little pockets in unglazed tile, by what is known as the Dutch process; and a third, by planting directly in soil,—in some cases all three tests being made of the same seed. With every test the seeds are counted and the result of the tests carefully recorded. As the result of these tests we throw away every season many hundred dollars' worth of seed because they do not vegetate up to the standard we require for first-class seed, though most of them come fairly well.

Cabbage Seed for the South.—Our customers in the South will find us always ready to fill their Summer orders as early as July. Their special need for fresh seed we shall always bear in mind. Our Cabbage seed, raised wholly from the centre shoots, and grown from *choice, solid, carefully selected heads*, are meeting with great acceptance there.

Advantages of Buying Seed Directly from the Grower.

—But few seed dealers grow any of the seed they sell,—the business of seed growing and that of seed selling being almost entirely distinct. Hence, as a general rule, seed dealers *know* only what is *told* them of the careful selection of seed stock and of the freshness and purity of their seed; now if the person of whom they purchase should be careless, ignorant, or dishonest, you who plant have to suffer, as the dealer can only re-affirm what is told him. On the other hand, if the seed dealer grows his own seed he is able to affirm what *he himself knows* as to its freshness and purity; and thus you who purchase have the invaluable guarantee from his own knowledge. *It is that we may be able to give this guarantee that we raise so many varieties, some of them at double the cost at which we could purchase them.* The public will thus understand how greatly it is for their advantage to sustain us in this effort to combine the business of seed grower and seed dealer.

From what we have said, let it not be inferred that we raise all the varieties of seed we sell; we do not: many choice varieties we import from England, France, and Germany, some of which cannot be raised in this latitude; others we purchase of reliable dealers, or have grown for us by careful men, whom we supply with stock seed of our own raising.

Our seed-growing facilities now include four farms at Howes' Station, Eastern Division, Boston & Maine Railroad, besides several scattered tracts of land, located in three towns, carried on directly under our own supervision. All roots, bulbs, etc., intended for seed purposes are selected with the utmost care.

For over a quarter of a century we have made it our labor and our anxiety to send out none but *just such seed as we would be willing to plant ourselves*, and the thousands of cheering letters that we open are very pleasant testimony to the success of our undertaking.

The Three Warrants.—All seeds sent out from our establishment are always sold under three warrants, viz., 1st, That our seed shall be what it purports to be; *so far as that we hold ourselves ready to refill the order anew, gratis, in other seed, should it prove defective in any respect. What is there to gain by selling poor seed after having made this warrant?* 2d, That all money sent for seeds, over one dollar, shall reach us if sent by Post-office Order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's check. Sums of one dollar and under may be sent at our risk. Postal notes being payable to bearer are at the risk of the party sending them. 3d, That the seed ordered shall reach every one of our customers. Thus we warrant everything but the crop, and make the purchase of seed the *safest investment possible*, instead of being what it has so often proved to be,—very unreliable and vexing.

Payment for Seed.—*Cash* (as above) *must accompany all orders.* When it is necessary to enclose postage stamps *be sure not to moisten them in the least*; the higher denominations, such as tens and upwards, would be preferred. Money Orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Occasionally a customer remits more or less than sufficient to pay for the seed ordered. In the former case, the balance will be returned to his address; in the latter, the order will be filled out as far as the money goes. When necessary to send specie, wrap it securely in a bit of paper, to prevent it from getting loose and cutting through the envelope. Let us advise our friends, before ordering their seeds sent by express, to figure carefully and see if it would not be much cheaper for them (as is almost invariably the case with small parcels) to have them sent by mail. We would advise our customers *not* to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges to the cost of the seed to make ourselves whole.

How to Obviate All the Risk, Expense, and Trouble of Sending Money.—We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that company has an agency. They will advance us the cost of all goods up to \$5, and collect it of you. For bills of over \$5 an Express Money Order can be sent with order for goods.

The New Postage Law.—Thanks to the persistent efforts of the Seedsmen's Association, Congress has reduced the postage on seeds one-half; viz., to one cent for two ounces, instead of one cent an ounce, as formerly. Our customers will find that all this will go directly into their pockets, as the price-list will show. We prepay postage on seed ordered by mail at list rates. If a larger lot than four pounds is wanted by mail, it may be divided into four-pound lots. This law, in effect, *brings our seed establishment to every man's door.*

Now and then, though rarely, there happens an instance of a mail package being lost in transit. When writing that the package has not reached you, always repeat your first order.

Please Notice.—Our customers will please notice that our prices are by mail postpaid by us, or by express or freight at purchaser's expense, and that seeds sent by express or freight are 8 cents less per pound than when sent by mail. Some may not be aware of the fact (this does not apply to goods sent by express) that the freight on one hundred pounds of merchandise does not, as a rule, cost more than for ten pounds or less. When not ordered by mail, it is desirable that customers should indicate whether they wish their seed sent by express or freight; when no preference is given, we will use our best judgment in their behalf. We make no charge for boxes or packing. When comparing our rates with other dealers please remember, — 1st, that the postage we pay on mail matter is included in the price; 2d, That all orders for seed, to the amount of five dollars and upwards, are subject to a cash discount, as stated at bottom of page; 3d, That we grow a far larger proportion of the varieties of seed we sell than is common with dealers; 4th, Our three warrants.

DISCOUNTS TO MARKET GARDENERS AND OTHERS.

We believe we are the only seedsmen who give a cash discount on orders. When comparing our prices with other dealers don't forget to deduct this discount from our prices.

We challenge competition (with first-class seedsmen) in pricing large orders.

Any one sending \$1 may order \$1.25 of packages of vegetable seed. This applies to orders for packages only, and not to weights and measures. Mixed orders will be allowed the discounts as given below:—

Five per cent. discount allowed on all orders for seed (except onion seeds of our own growing), when amounting to \$5 and upwards, whether the order be for packages, ounces, pounds, or quarts, either separately or combined; eight per cent. when the amount ordered is as high as \$10 and under \$25; ten per cent. when \$25 and under \$40; and twelve and a half on orders to the amount of \$40 and upwards. For special net rates on onion seed in quantity, see p. 26; for discounts on flower seeds, see p. 9. TERMS TO DEALERS, CLUBS, and LARGE MARKET GARDENERS ON APPLICATION. WE DO NOT CARE TO SEND OUT SEED TO BE SOLD ON COMMISSION.

Be careful to write your Address in full, giving your name, Post-office, County, and State.

J. J. H. GREGORY & SON,
MARBLEHEAD, MASS.

COLLECTIONS OF VEGETABLE SEEDS.

No. 1.—33 PACKAGES of VEGETABLE SEEDS for the FAMILY GARDEN. Postpaid, \$1.00.

Beans, Dwarf Golden Wax.
Beans, Golden Butter Pole.
Beet, Bastian's Early.
Beet, Lentz.
Cabbage, Pixie.
Cabbage, Fottler's.
Cabbage, Prem. Flat Dutch.
Carrot, Danvers.

Celery, Dwf. Golden Heart.
Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Cucumber, Boston Pickling.
Lettuce, Hanson and Silesia.
Melon, Musk, White Japan.
Melon, Water, Rattlesnake.

Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Onion, Red Globe.
Parsnip, Abbott's.
Pepper, Bell.
Peas, Champion of England.
Peas, Advancer.
Pumpkin, Sugar.

Radish, Long Scarlet.
Radish, French Breakfast.
Sage.
Squash, White Bush.
Squash, Marblehead.
Turnip, White Egg.
Tomato, Favorite.
Tomato, Stone.

No. 2.—16 PACKAGES, POSTPAID, FOR 50 CENTS.

Beans, Dwarf Golden Wax.
Beet, Lentz.
Cabbage, Fottler's.
Carrot, Danvers.

Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Lettuce, Hanson.

Melon, Musk, Christiana.
Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Peas, Advancer.

Radish, Covent Garden.
Squash, Marblehead.
Tomato, Favorite.
Turnip, White Egg.

1 PACKAGE CHOICE FLOWER SEED WITH EACH COLLECTION.

ASPARAGUS, HORSE RADISH, RHUBARB ROOTS, FRUIT and HEDGE SEEDS, Etc. (No discount.)

Palmetto Asparagus Roots, one year old Price, per 100, postpaid, \$1.00; per 100, per express, 75 cts.; per 1,000, per express, \$6.00
Palmetto Asparagus Roots, two years old Price, per 100, postpaid, \$1.50; per 100, per express, \$1.15; per 1,000, per express, \$8.00
Moore's Cross-bred Asparagus Roots, one year old Price, per 100, postpaid, \$1.00; per 100, per express, 75 cts.; per 1,000, per express, \$6.00
Moore's Cross-bred Asparagus Roots, two years old Price, per 100, postpaid, \$1.50; per 100, per express, \$1.15; per 1,000, per express, \$8.00
Conover's Colossal Asparagus Roots, one year old Price, per 100, postpaid, 90 cts.; per 100, per express, 65 cts.; per 1,000, per express, \$5.00
Conover's Colossal Asparagus Roots, two years old Price, per 100, postpaid, \$1.25; per 100, per express, 90 cts.; per 1,000, per express, \$6.00
Horse Radish Price, per express, per 100, \$1.00; per 1,000, \$7.00; per 100, per mail, \$1.25
Rhubarb, Victoria and Linneus Price, per express, 25 cts. each, \$2.00 per doz.; per mail, 40 cts. each; \$4.00 per doz.
Nansemond Sweet Potato Slips. Prices per express on application Per 100, postpaid, 75 cts.; per doz., 20 cts.
Spear-mint and Peppermint Roots. Recalling our grandmothers' gardens Per bunch, each, postpaid, 25 cts.
Prickly Comfrey Roots. See page 38. Cuttings, postpaid, 30 cts. per doz.; per express, 25 cts.; per 100, per express, \$1.00
Holt's Mammoth Sage Roots. These grow to double the size of the common sort; perfectly hardy Per root, postpaid, 25 cts.
Artichoke Price per bushel, by express or freight, \$4.00; per peck, \$1.25; per quart, postpaid, 40 cts.
Apple Price, per peck, per express, \$1.75; per lb., postpaid, 40 cts.; per 1-4 lb., 15 cts.; per oz., 10 cts.; per pkg., 5 cts.
Pear Price, per lb., postpaid, \$1.75; per 1-4 lb., 58 cts.; per oz., 20 cts.; per pkg., 10 cts.
Berberry. See page 40.
Yellow Locust. Honey Locust. Osage Orange. Price, per lb., postpaid, 58 cts., each; per 1-4 lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.

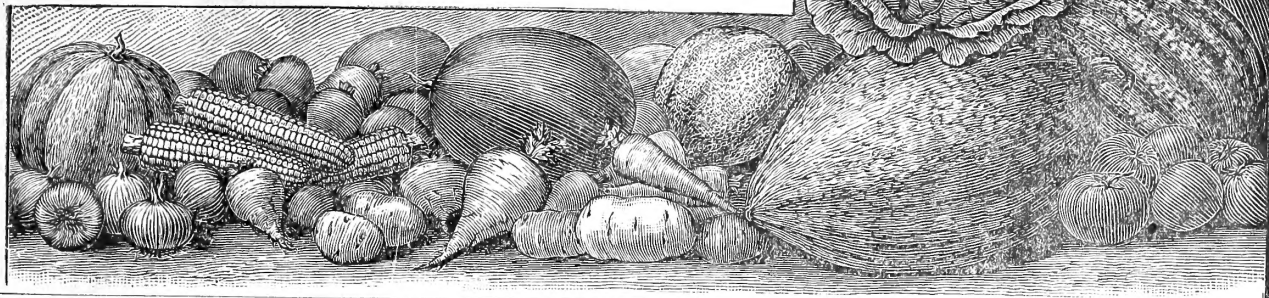
QUANTITY OF SEED FOR AN ACRE.

Seedsmen vary much in their directions for the quantity of seed to be planted to the acre. In the following list we give the quantities of the more common sorts where first-class seed is used. Of course the poorer the seed the larger the quantity required:—

Dwarf Beans, in drills.....	1½ bushels	Onions, for dry bulbs, in drills.....	4 pounds
Peas, that make small vines.....	1½ "	Onion seed for Setts, in drills.....	30 "
Peas, that make large vines.....	1½ "	Onion Setts, in drills.....	5 to 10 bushels
Beets, in drills.....	4 pounds	Potatoes, in drills, cut, depends on number of eyes.....	8 to 14 "
Cabbage, in hills.....	8 ounces	Radish, in drills.....	5 pounds
Cabbage, in bed to transplant.....	2 "	Spinach, in drills.....	10 to 15 "
Carrots, in drills.....	1½ pounds	Sage, in drills.....	4 to 6 "
Musk Melon, in hills.....	1½ "	Squash, running varieties, in hills.....	2 to 2½ "
Mangold Wurtzel, in drills.....	6 "	Tomato, in bed to transplant.....	2 ounces
Onions, f. : bulbs to sell green or to trace, in drills.....	6 to 8 "	Turnip, in drills.....	1 to 1½ lbs

NEW VEGETABLES.

CATALOGUED FOR THE FIRST TIME.

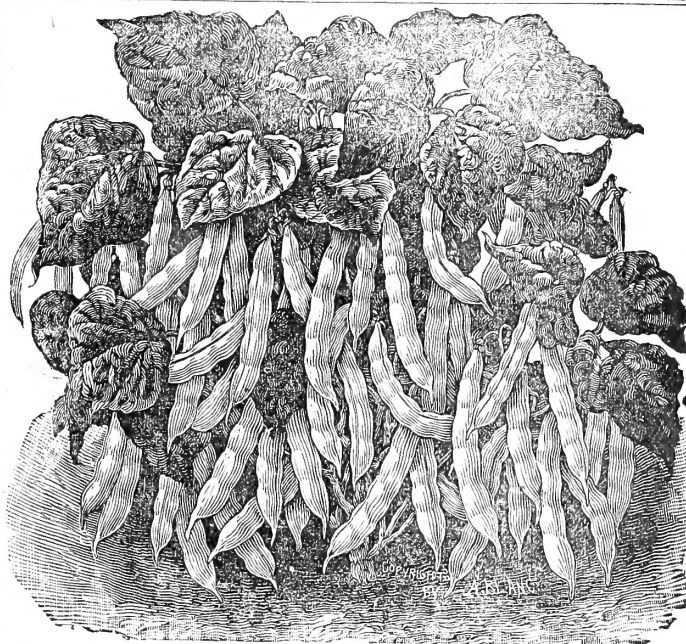


WARREN BUSH BEAN.

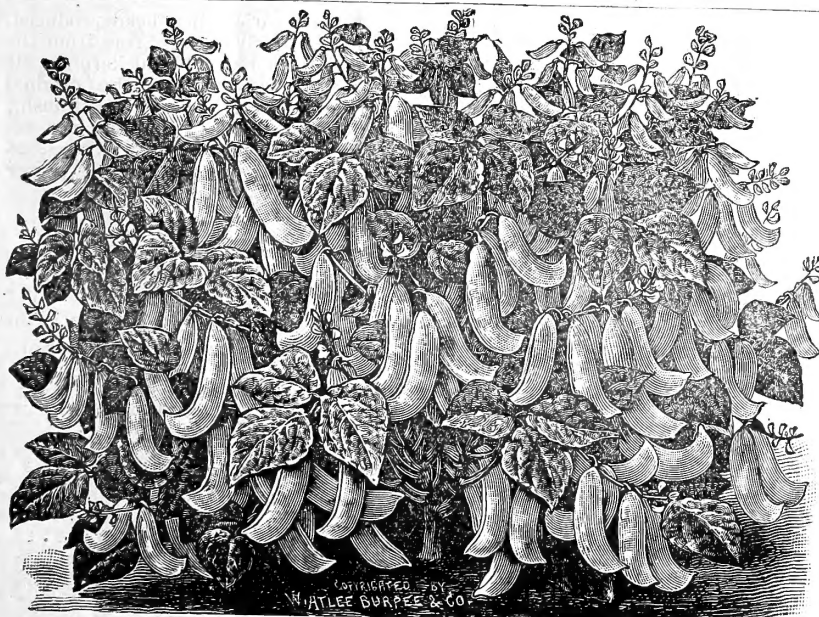
\$25.00 REWARD.

This is not a new variety of beans, but one we have never before the present season had in sufficient supply to allow us to dare properly to emphasize its merit. After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be *the richest flavored of all bush beans*, and so confident are we in our position, we hereby offer a reward of \$25.00, payable to any one who will send us a variety that shall surpass it. The Warren is a good cropper, and has a large, pulpy, stringless pod. When cooked, it has the rich quality that heretofore has been believed to be confined to the best of the pole beans. If any of our customers, after testing it on their tables, think we have overestimated its merits, on being so notified we shall be ready to refund their purchase money. Per bush., per express, \$10.00; per peck, per express, \$3.00; per qt., express, 40 cts.; per qt., postpaid, 55 cts.; package, 10 cts.

When ordering, PLEASE REMEMBER that we are the only dealers allowing various cash discounts on orders of five dollars or more. (See page 2.)



WARREN BUSH BEAN.



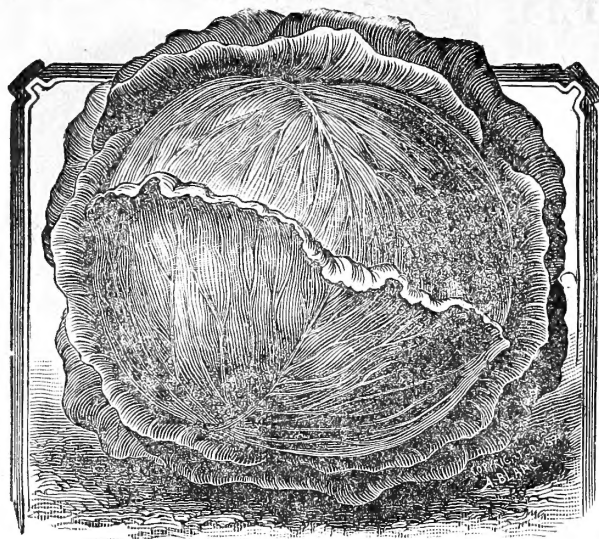
BURPEE'S BUSH LIMA.

BURPEE'S BUSH LIMA BEAN.

The only bush form of the true, large Lima Bean.

Burpee's Bush Lima is universally conceded to be altogether unique. It is a true bush form of the luscious large Lima Bean, and must not be confounded with *Henderson's Bush Lima*, which is the small Carolina (Sieva or Sewee) Bean, nor with the *Kumerle* or *Dreer's Bush Lima*, which is a dwarf type of the small, chubby Dreer's or Potato Lima.

Burpee's Bush Lima comes absolutely true from seed. The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet *branching so vigorously* that each plant develops into a magnificent circular bush, from two feet to three feet in diameter. The leaves are of very large size and great substance. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run." The thickness of the main stalk and branches of the plant, as also the unusual size,



ALL HEAD CABBAGE.

All Head Cabbage.

If there is any difference between this and our Deep Head, certainly we have been unable to find it. However, under whatever name it may be known, it is an excellent sort for reliability, for heading, size, earliness and hardness of the head. Our stock is from headquarters, and can be relied upon as true to name. Per lb., postpaid, \$3.50; per 1-4 lb., \$1.10; per oz., 35 cts.; per package, 10 cts.

IMPROVED SHORT WHITE CARROT.

This new and distinct variety Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness, and the ease with which it can be harvested. Roots half-long, very heavy at the shoulder, smooth; color light green above ground, white below; flesh rich, white, solid, crisp and of excellent flavor. As a heavy cropping, easily harvested white carrot it is the best of its class. A real acquisition. Per lb., postpaid, \$1.00; per oz., 15 cts.; per package, 10 cts.



IMPROVED SHORT WHITE CARROT.

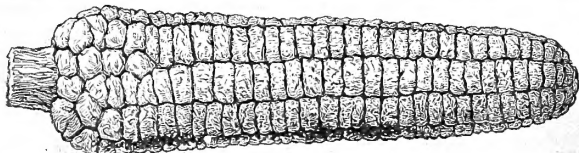
NONESUCH SWEET CORN.

This new variety will be sure to please, because of the good size of the ears, its strong growing qualities, and heavy yield.

It is 12 to 14 rowed, coming in just after Moore's Concord, with larger ears. The leaves, stalk and cob are of a rich pink color, while the grain is white tinted with pink at the cob end. Per peck, express, \$1.25; per qt., express, 28 cts.; per qt., postpaid, 40 cts.; per pkg., 10 cts.



STABLER'S CORN.



CORY CORN.

Please note
Collections of
Vegetable Seeds at
reduced rates, on
page 2.

BURPEE'S BEAN, Continued.

healthy green color and thick leathery substance of the leaves indicate the strong constitution of this variety, by which it is enabled to bear large crops, and is also a sure cropper. It is a great yielder of handsome large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Limas. By the introduction of this most valuable novelty, the largest and best Lima Beans can now be raised in quantity at small cost, without the expense and labor attached to the use of poles. Per pkg., 15 cts.; 1-2 pint, 40 cts.; pint, 75 cts.



EXPRESS CABBAGE.

Express Cabbage.

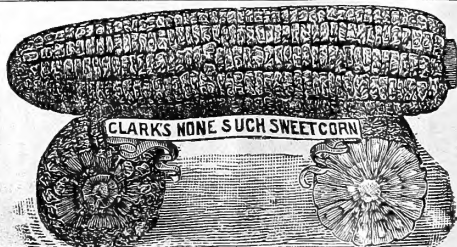
This is a choice variety of early cabbage. Vilmorin, the great French seedsman, ranks it at the head of all the early sorts. We find on our grounds that it resembles the Early Wakefield in shape, but makes larger heads. A good cabbage for those who raise for the earliest market. Per ounce, 25 cts.; per package, 10 cts.

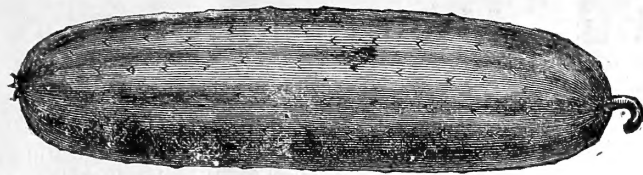
STABLER'S EARLY CORN.

One of the earliest of the second early class, following close after the Cory. It is twelve rowed, the ears large for so early a sort, and very sweet, in this respect surpassing all the earliest sorts. A good cropper, and profitable both for family use and as a market sort. Per peck, per express, \$1.25; per qt., express, 28 cts.; per qt., postpaid, 40 cts.; per package, 10 cts.

WHITE CORY CORN.

By planting only white cobbled ears of the Cory, after several years of care, a distinct variety has been produced, which is nearly entirely free from the objectionable red cob and kernels. It is equally as early as the original Cory, and averages sweeter. Per bush., per express, \$4.25; per peck, per express, \$1.20; per qt., per express, 28 cts.; per qt., postpaid, 40 cts.; per pkg., 10 cts.





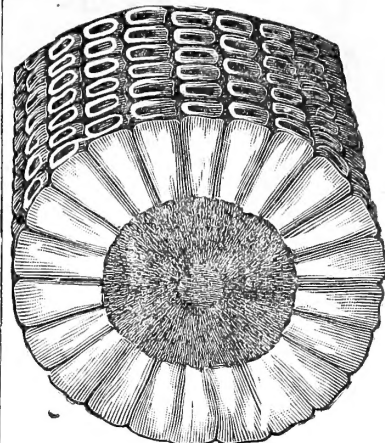
BENNETT'S WHITE SPINE CUCUMBER.



THORBURN'S COM. PICKLING CUCUMBER.

An early variety with ears as large as evergreen. About as early as Minnesota or Crosby, but the ears are decidedly larger, rich flavored and sweet. The market gardener who originated it, for years held a monopoly of the market, carrying in a large sweet corn, weeks ahead of his competitors. We find the Bonanza is exceedingly prolific, yielding oftentimes two ears to a stalk. Per qt., postpaid, 40 cts.; per pkg., 10 cts.

BONANZA SWEET CORN.



HURON DENT CORN.

FIRST CROP SUGAR CORN.

This came along just after the Cory, with ears rather larger, and the kernels closer set, while in sweetness it surpasses it. An excellent cropper. Per qt., postpaid, 40 cts.; per pkg., 10 cts.

QUINCY MARKET CORN.

A great favorite in Boston market, coming in just after the Cory, and just before the Crosby. The ears resemble the Crosby, being twelve rowed, but are larger. It is very prolific, many of the stalks bearing two ears. A true sugar corn, sweet and of excellent quality. Per qt., postpaid, 45 cts.; per pkg., 15 cts.

EXTRA EARLY HURON DENT CORN.

Mr. C. S. Clark, a very extensive corn grower, makes a standing offer of \$150.00 to any one who will produce a Dent corn as early, as pure, as smooth and free from roughness, with so little space between the rows, and so well grained over both ends as this new variety. The Early Huron proves to be as early as the earliest Dent corn in cultivation, is as early as the Flint varieties, with a most perfectly shaped ear, smooth and free from roughness, with remarkably little waste of space between the rows, and well grained over both ends. Certainly the Early Huron is well worth a trial by all of us, who have heretofore by reason of the lateness of the Dent, confined ourselves to the Flint varieties. Per bushel, per express, \$2.50; per peck, 75 cts.; per qt., postpaid, 40 cts.; per pkg., 10 cts.

Country Gentleman's Sugar Corn.

Who that has raised that sweetest of all varieties of sugar corn, which we were the first to catalogue over a dozen years ago, under the name of "Quaker Sweet," but has since been re-named "Ne Plus Ultra," has not regretted that the ear was so small as to make it difficult to market it? In this new variety, the "Country Gentleman," we have ears of good market size, which retain all the delicious quality of the "Ne Plus Ultra." Like that, it is remarkably prolific, averaging more than two ears to each stalk. Cobs small and kernels long. Our customers will find this to be a decided acquisition either for home use or for marketing. Per peck, per express, \$1.50; per qt., express, 33 cts.; per qt., postpaid, 45 cts.; per pkg., 10 cts.

BENNETT'S WHITE SPINE CUCUMBER.

This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Per lb., postpaid, \$1.25; per 1-4 lb., 38 cts.; per oz., 20 cts.; per pkg., 10 cts.

Thorburn's Commercial Pickling Cucumber.

Mr. Thorburn states that "this is a fine strain of the White Spine type, retaining its dark-green color long after pickling. This is corroborated by our tests while growing it on a large scale. Per lb., postpaid, \$2.00; per 1-4 lb., 58 cts.; per oz., 20 cts.; per pkg., 10 cts.

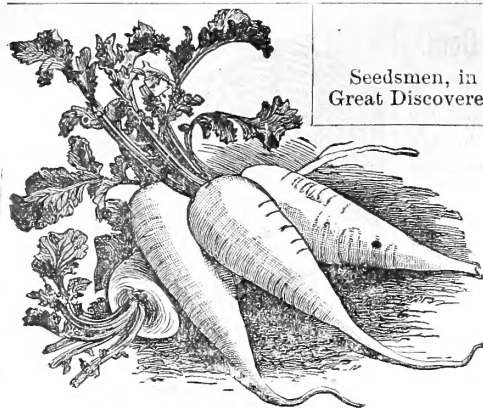
LARGE BOSTON LETTUCE.

This is a new, very large strain of White Tennis Ball or Boston Lettuce excelling all other strains in size. The largest of all for forcing. Of great value to the market gardener. Per oz., 25 cts.; per pkg., 10 cts.

Please note list of discounts on seeds on page 2.



LARGE BOSTON LETTUCE.



STRASBURGH RADISH.

DALKEITH BRUSSELS SPROUTS.

This is an improvement on the old, tall-growing sorts. It is much more dwarf and compact and produces "sprouts" of a larger size. This delicious vegetable can be grown as easily as a cabbage, requiring but the same treatment. Per oz., 50 cts.; per pkg., 10 cts.

Cumberland Red Tomato.

This is a magnificent tomato, size, shape, and color, and has proved itself exceedingly popular wherever grown. It is a vigorous grower, very productive, and bears continually until killed by frost. The outer skin is sufficiently tough to keep it from cracking under conditions where other varieties growing side by side do crack, as was noted at the Virginia experimental station. This excellent characteristic gives it great value to the marketman, and when we combine with this its magnificent color, large size, good form, and solidity, we have a tomato every way first-class. Per oz., 35 cts.; per pkg., 10 cts.

Please note that a large proportion of the seeds we sell are grown by ourselves on our farms at Howes' Station, Essex Co., Mass.

BELMONT TOMATO.

The originator gives the following history and description of this new tomato: —

"Two years ago, when going through my piece of Paragon tomatoes, in hope of picking some fit for market, I found the parent plant of this new sort. It stood out quite distinct from all others in the field, a large percentage of the fruit being fit for the table, though a ripe Paragon was nowhere to be found. The fruit, which is of average size, does not crack, and is borne in clusters of four or five, is perfectly round, solid, free from rot, and bright-scarlet in color. It has a fine flavor, very few seeds, no core, and remains firm a long time when ripe. The vine is of vigorous growth and very prolific."

We will only add that it gave us great satisfaction the past season, and all who saw it remarked on the great crop and the handsome appearance of the fruit. Per oz., 35 cts.; per pkg., 10 cts.

"EARLIEST OF ALL" TOMATO.

There are three tomatoes catalogued by seedsmen bearing this name. Prof. Tufts, of the Michigan Agricultural College, says of this one: "As an early tomato, I have found nothing that begins to compare with it. It is weeks earlier than Ignatum and six days earlier than Prelude." We find that it closely resembles the "Early York," that we introduced many years ago. It is flat, round in shape, and more or less irregular. Its fort is as an early and heavy-cropping variety. As such we can heartily endorse it. Per oz., 35 cts.; per pkg., 10 cts.

Columbus Muskmelon.

Seedsmen, in common with the rest of mankind, feel the moral obligation on them of honoring the Great Discoverer, hence we have the Columbus muskmelon. We much regret that our plants of this variety taken from our cold frame, failed to root here. We must depend on Mr. Livingston for a description of it: of good market size; skin, a bright, glossy yellow color when fully ripe, and is nearly hidden by the very thick whitish netting. Its GREEN FLESH is very deep, leaving only a small seed cavity. The QUALITY IS ALL THAT CAN BE DESIRED, as will be observed by reading the testimonials below. IT NEVER WAS KNOWN TO BURST OPEN AT EITHER END. From the above considerations we are confident this melon will prove to be the greatest acquisition in many years.

Mr. Daniel Entire, President of the First National Bank of Oregon, Ill., writes: "I have been supplied with Columbus melons by Mr. Beck for the last two years, and I must say I have never found such melons anywhere. We used them every meal, and they cannot be recommended too highly."

Mr. L. V. Rumery, of Rumery & Farral, grocers, Oregon, Ill., writes: "I have used the Columbus Muskmelon for the past two or three years, and think it the best melon I have ever seen, and can recommend it to give satisfaction in every respect."

With such endorsements of its merits we have all a right to expect to find an extra good melon in the Columbus. Per 1-4 lb., \$1.00; per oz., 35 cts.; per pkg., 15 cts.



NEW CARDINAL PEPPER.

New Cardinal Pepper.

This new pepper, offered for the first time last season, grows to a length of about six inches, very thick and sweet-fleshed and is one of the *most beautiful and brilliant vegetables* grown. It would be worthy of cultivation for its beauty alone, there being no flower which can be grown in the North which surpasses it in *depth, purity and brilliancy of color*, appearing as though varnished in a bright cardinal. It will also be found a most useful variety, as it can be used for all purposes to which peppers are put. Per oz., 35 cts.; per pkg., 10 cts.

Strasburgh Radish.

This is a Summer and Autumn radish. It grows four to five inches long and about two inches thick, but is usable when small. Flesh very white, crisp and tender. Very popular in Chicago. Per lb., postpaid, 70 cts.; per 1-4 lb., 23 cts.; per oz., 15 cts.; per pkg., 5 cts.

LONG BRIGHTEST SCARLET RADISH.

This is one of the medium long varieties, whose coloring, entirely distinct from any other, is a vivid scarlet, tipped with snowy white. Skin very thin, flesh crisp and brittle and quality excellent. An acquisition. Per lb., postpaid, \$1.00; per 1-4 lb., 30 cts.; per oz., 15 cts.; per pkg., 10 cts.



BRIGHTEST SCARLET RADISH.

EARLY BEAUTY OF ELBERON POTATO.

We are exceedingly well pleased with our trial test of this new potato. We find it to be among the very earliest. It is of good size for marketing, with very few small ones, is of fine shape, has white skin, white flesh, and eyes near the surface. It surpasses many of the early sorts as a cropper, and is of such excellent quality that some rank it as superior to the Beauty of Hebron. We consider it to be every way an excellent early sort. Per bbl., per express or freight, \$6.00; per bush., \$3.00; per peck, \$1.00; 3 lbs., per mail, \$1.00.

Carefully read "To our Patrons," on page 1.



EARLY BEAUTY OF ELBERON POTATO.

Bill Nye Potato.

This is a valuable new variety, oblong in shape, eyes near surface, skin and flesh white, quality first-class, size full average, with very few below the market standard. We find it to be a magnificent cropper, being one of the three heaviest in our experimental grounds last season. It keeps without sprouting exceptionally long, which makes it valuable for market or family use months after most other varieties have disappeared. Medium late. Per bbl., per express or freight, \$5.00; per bush., \$2.50; per peck, 90 cts.; 3 lbs., per mail, 90 cts.

ATLANTIC PRIZE TOMATO.

This tomato is the result of many years' careful selection by one of the most successful tomato-growers of New Jersey. It is said to be two weeks earlier than many kinds it has been tested with. We regret that we have not had a personal test of its merits. The fruit is said by good authorities to be of good size, round, very solid, and of excellent quality. Per oz., 35 cts.; per pkg., 10 cts.

GIBSON PUMPKIN.

A new mammoth pumpkin, specimens of which have weighed over fifty pounds. It is a cross between the sugar and a variety obtained from California. The effect of the cross has been to make a yellower color, finer grain and give more sweetness to the flesh, while it has not lessened its mammoth proportions. Color a rich orange with occasional splashes of green. The flesh is quite thick. Very prolific, as high as ten or twelve tons having been grown on an acre. Where land is rich and cheap this must be a capital variety to raise for stock feeding. It is keeping better than other mammoth sorts. Price, per lb., postpaid, \$1.00; per 1-4 lb., 30 cts.; per oz., 15 cts.; per pkg., 10 cts.



GIBSON PUMPKIN.

BAXTER'S SIX ROWED BARLEY.

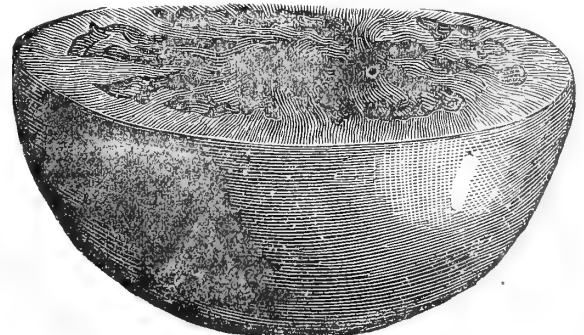
The grain is very plump, round, solid and heavy, and differs from all other six rowed in having a much smaller proportion of hull. It ripens a week or ten days earlier than the Manshury. The straw stands up well. Prof. Saunders, Director of the Central Experimental Farm, at Ottawa, Canada, states that "in a test made with thirteen of the best six rowed varieties, it was found to produce the heaviest grain." Per bush., of 32 lbs., per express or freight, \$3.00; per peck, \$1.00; 3 lbs., postpaid, 75 cts.; 1 pound, 30 cts.; per pkg., 10 cts.

THE "COMRADE" TOMATO.

A friend who has raised several acres of tomatoes for market the past season tells us that this variety ripened with him before any other kind, when tomatoes were bringing in the market \$6.00 per bushel. He further states that it is exceptionally free from the black rot. He considers it the most profitable variety he has ever grown. We have had no personal experience with it. Per pkg., 15 cts.; 3 for 40 cts.

Royal Red Tomato.

This is Mr. Livingston's last introduction. He claims that it is a first-class main crop variety for the shipper, market and private gardener, and of special value to the canner and catsup maker because not a single point essential to a main crop variety is lacking. The beautiful red color of both skin and flesh of the Royal Red will satisfy the taste of the public, which of late years inclines to the red in preference to the purple varieties. We find it to be a large-sized tomato, all the crop round, and very handsome in its bright red color. It will give satisfaction as a first tomato to all of our customers who may plant it. Per 1-4 lb., \$1.50; per oz., 50 cts.; per pkg., 10 cts.



SECTION OF ROYAL RED TOMATO.

NOVELTIES IN FLOWER SEEDS FOR 1893.

In our General List of Flower Seeds, pages 51 to 61, will be found the desirable novelties of recent introduction. ..



Begonia. New Striped Flowered.

Tuberous Rooted.

A highly attractive and entirely new class, comprising nearly all the colors found in the older varieties, and in addition, a rich chrome-yellow. The flowers are flaked or striped, like a carnation, with a great variety of pleasing shades of white, yellow, and red. About forty per cent. of the seeds will produce flowers striped or rayed as described; the remainder will be remarkably beautiful. Price, per pkg., 40 cts.

Calendula, Large Flowered, Double. Sulphur-Yellow. (A.)

A new variety of the improved, compact-growing Pot Marigold, with very large, extremely double flowers, sulphur-yellow in color. Price, per pkg., 15 cts.

ZINNIA, ELEGANS, GRANDIFLORA. STRIPED. (A.)

Beautiful new striped varieties of the robust growing, large flowering, double Zinnia. A great improvement on the Zebra Zinnias. Price, per pkg., 15 cts.

MARGARET CARNATION. White. Rose.

Although only of recent introduction, the Margaret Carnations have become universal favorites, and justly so, now that they are known to yield such a rich profusion of large, fragrant, and, almost without exception, double flowers, in four or five months after sowing.

Finding that they will come fairly true from seed, we offer White and Rose. Price each, per pkg., 20 cts.

ASTER, COMET. (See cut.) Snow White. (A.)

Flowers large and extremely double, with the long, wavy and twisted petals peculiar to this class of asters. Color of the purest possible satiny-white. Price, per pkg., 25 cts.

ASTER, COMET. Carmine.

An extremely beautiful and new color in these much-admired asters. Price, per pkg., 20 cts.

Aster, Ball or Jewel. Purple-Violet.

We are pleased to add this exceptionally fine color to this magnificent class of asters. The fully developed flowers measure from 2½ to 3 inches across, are as round as a ball, and may be compared to the finest varieties of the incurved Chrysanthemums. Price, per pkg., 25 cts.

Impatiens Sultani or Sultan's Balsam. King Albert. (P.)

Decidedly the finest of the new hybrids. Flowers of an exquisite rosy-crimson shade, very freely produced. A fine pot-plant, blooming profusely at all times of the year. Price, per pkg., 25 cts.

IPOMEA MINA SANGUINEA. (A.)

A magnificent rapid climber, much finer than Mina Lobata, producing in great profusion, from June throughout the season, brilliant blood-red, tube-shaped flowers. Seed should be sown in March. Price, per pkg., 15 cts.

MIGNONETTE GRANDIFLORA "URANIA." (A.)

The "Ne Plus Ultra" of all the Resedas. Richly-leaved, branching in habit, producing very large panicles of almost blood-red flowers. An entirely new color in mignonette. Price, per pkg., 15 cts.

Pansy. Giant Yellow, Spotted. (B.)

A new and distinct variety of the five-blotched Cassier tribe; flowers very large, of a pure golden-yellow, with a dark blotch on each petal. Price, per pkg., 25 cts.

Centrosema Grandiflora. "Look at me."

Something absolutely new. (See cut.)

Many old and neglected plants are really valuable, and prove eminently satisfactory, but, after all, it cannot be denied that one which is absolutely new to cultivation, and at the same time is one of the very best in actual merit, is decidedly most desirable. Just such a plant is *Centrosema Grandiflora*. It is a hardy perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion inverted, pea-shaped flowers from one and one-half to two and one-half inches in diameter, ranging in color from a rosy violet to a reddish-purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure-white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure-white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes six to eight in a cluster. The stem and foliage are very graceful and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running six to eight feet in a season. It will bloom until frost, and, if potted, will no doubt flower freely in the house. Seed should be soaked in hot water before planting. Price, per pkg., 25 cts.

NEW "GUILLAUD" PINK.

The only strain of Pinks blooming the first season that contains yellow.

This new race originated with M. Guillaud, a celebrated French specialist, and, like the Margaret, they contain considerable Carnation blood, and yet possess all the profuse and early-blooming qualities of the annual *Dianthus*. The "Guillaud Pinks" bloom profusely in the Summer and Autumn from Spring-sown seed. The flowers are very large, of perfect shape, very fragrant, and last a long time either cut or on the plants, and, making this strain still more valuable, they contain flowers of clear-yellow and others with yellow stripes. Equally adapted for open ground and pot-culture. The seed which we offer in mixture contains a magnificent variety of colors and shades. Price, per pkg., 30 cts.

PETUNIA. "LADY OF THE LAKE." (A.)

A petunia of exquisite beauty, pure-white, double, and beautifully fringed. Price, per pkg., 35 cts.

PETUNIA. STEEL-BLUE, VEINED. (A.)

Fine, large-flowering variety, of a new and very handsome color, bright steel-blue, beautifully veined. Price, per pkg., 25 cts.

Stocks, Ten Weeks. Brilliant Crimson. (A.)

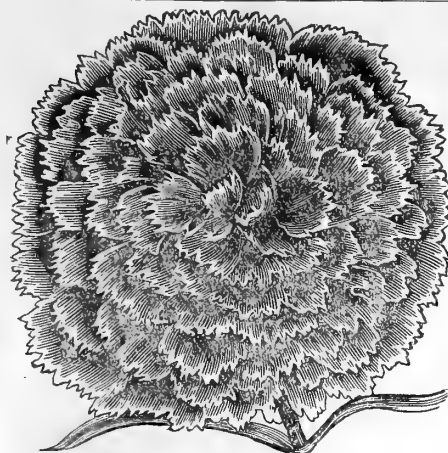
Of vigorous growth and branching habit, bearing about 70 per cent. of very large double flowers. The peculiar changing lustre which lights up the rich coloring is especially striking. The single blooms rival the double in attractiveness, being borne so thickly as to give the plant a really splendid appearance. Price, per pkg., 20 cts.

Mourning Bride (*Scabiosa*). Double, Golden-Yellow. (A.)

The plants of this pretty and useful novelty are semi-dwarf and bushy, producing in great profusion compact double flowers, of a very fine golden yellow, which with their long stems are admirably adapted for cutting. Price, per pkg., 15 cts.



COMET ASTER.



MOURNING CLOAK PINK.

PINK. MOURNING CLOAK. (A)

A Summer flowering Pink of great beauty, with large-double flowers of a beautiful blackish-purple, fringed and sharply margined with white. Price, per pkg., 10 cts.

CELOSIA PLUMOSA, (A.)

"Triomphe d'Exposition." (See cut.)

An exceedingly beautiful plumed cockscomb, of symmetrical growth, bearing large feathery crimson plumes. Equally effective in groups or as single plants. Price, per pkg., 20 cts.

Humulus Japonicus fol. Variegatis. (A.)

Very attractive new variety of the Japanese Hop, with leaves beautifully blotched and variegated with silvery-white, yellowish-green, and dark-green. An admirable decorative plant, as hardy and of the same rapid, vigorous growth as the green-leaved variety. Price, per pkg., 20 cts.



CELOSIA PLUMOSA.

Phlox Drummondii, Semi-Double. Yellow. (A.)

The value of the semi-double phlox for cutting has been recognized by all who have tried them. This beautiful yellow variety comes quite true from seed and possesses a slight perfume. Should be sown in a light soil to produce the best double flowers. Price, per pkg., 15 cts.

DOUBLE DAISY, Giant Flowering. (P.) (Bellis Perennis.)

The most gigantic flowering of all daisies, with very double blooms changing from rose to red. Price, per pkg., 15 cts.

DESIRABLE PLANTS OF RECENT INTRODUCTION.**ROSA RUGOSA, RUBRA (Japanese Rose).**

Very ornamental, and adapted to all soils, and the most exposed situations. Bushes large, thick and compact, with broad, handsomely-ribbed foliage of a deep shining green, which is studded with beautiful, single deep-crimson flowers in the greatest profusion. They flower at intervals throughout the Summer and Autumn, and are followed by brilliant carmine fruits of almost gigantic proportions, so showy that it is almost difficult to say whether the plants are more effective in flower or fruit. Each 55 cts. postpaid.

ROSA RUGOSA, ALBA.

The famous white form of these new Roses. Flowers pure-white, very large, fruit deep orange-red. Each 55 cts. postpaid.

CLEMATIS PANICULATA.

A Japanese Vine recently introduced to this country, and possessing unusually attractive merits. It is of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are pure-white, from three-quarters to an inch in diameter, star-shaped, and with a most delicious and penetrating fragrance.

They are borne in heads, on stiff stems four to six inches long, and arising from the axils of the leaves.

The late season of blooming is a point of great consequence, as most other climbers have passed their flowering stage by the middle of August, when this is just coming to perfection, and extends on to a season of nearly a month. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardiness, serve to make this one of the very choicest of recent introductions. Strong one-year plants, 65 cts. each, postpaid. Two-year, blooming size, \$1.30 each, postpaid.

Flower Seed Collections.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display, at a much less price, than ordering separate packages. These collections are not subject to any discount from the prices given below, and varieties are always to be of our selection.

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 cts.

Asters.	Balsams.	Coreopsis.	Poppy.
Sweet Alyssum.	Phlox.	Morning Glory.	Pinks.
Mignonette.		Nasturtium, Tall.	

COLLECTION B.

15 Pkts. Choice Annuals, Biennials and Perennials for 50 cts.

Asters, Victoria Mixed.	Mignonette Grandiflora.
— Choice Varieties, Mixed.	Tall and Dwarf Nasturtium.
Iceland Poppies.	Daisy, Double.
Phlox, Grand, Mixed.	Candytuft Mixed.
Pansy, Choice Mixed.	Calycaethema, "Cup and Saucer,"
Marigold Eldorado.	Mixed.
Balsams.	MARGARET CARNATION.

COLLECTION C — ASTERS.

10 Pkts. of Choice Varieties for 75 cts.
Including new and very desirable sorts.

COLLECTION D — PANSIES.

10 Pkts. Fine Named Varieties for \$1.00.
Choice colors and markings.

COLLECTION E — NASTURTIIUMS.

10 Pkts. Tall and Dwarf for 35 cts.
Choice desirable kinds.

COLLECTION F — PINKS.

5 Pkts. Summer Blooming Varieties for 35 cts.
Single and Double, including Margaret Carnation.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

For \$1.00, seeds IN PACKETS, may be selected to value of	\$1.30
" 2.00, " " " " " " " "	2.70
" 3.00, " " " " " " " "	4.30
" 4.00, " " " " " " " "	5.65
" 5.00, " " " " " " " "	7.20

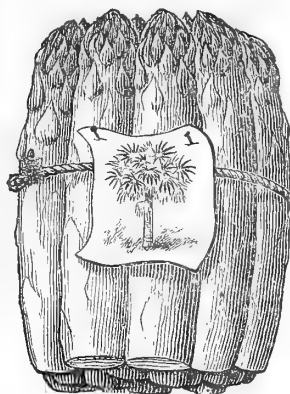
All Flower Seeds sent by mail postpaid on receipt of price.

MIXED FLOWER SEEDS, For Wild Gardens.

A splendid mixture, of more than one hundred varieties, of beautiful free-blooming hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per package, 10 cts.; ½ oz., 25 cts.

VEGETABLE NOVELTIES OF PREVIOUS YEARS.

ASPARAGUS.



PALMETTO ASPARAGUS.

MOORE'S CROSS-BRED ASPARAGUS.

For twenty years Mr. Moore took first prize on asparagus at the shows of the Massachusetts Horticultural, which proves either that Mr. Moore used extra manure and extra cultivation, or that he had what he claimed, an extra variety of asparagus. Price, per lb., postpaid, \$1.25; per pkg., 5 cts.

PALMETTO ASPARAGUS.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "Conover's Colossal had always been the leading sort, and justly so; but when we state that the Palmetto is not only much *earlier*, but it is also a *better yielder*, and it is more *even* and *regular* in its growth, it will be seen, we think, that it must eventually supplant the old favorite." Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 30 cts.; per oz., 15 cts.; per pkg., 5 cts.



Please read our Three Warrants on Page 1 very carefully.



BEANS.

CYLINDER IVORY POD DWARF WAX.

The following strong points are claimed for this new bean: *Perfect freedom from rust and blight*; great earliness; that its pods take on the wax color soon after they are formed; that its pods are perfectly round, entirely stringless; that it is remarkably productive. Price, per qt., postpaid, 60 cts.; per pkg., 10 cts.

CHALLENGE DWARF BLACK WAX.

One of the *earliest* wax beans in cultivation. As *vigorous* and *prolific* as Prolific German Wax, Black Seeded; pods as *large* and of as *good color*, ripening *remarkably* uniformly and well together. Price, per qt., postpaid, 60 cts.; per pkg., 10 cts.

EXTRA EARLY DWARF REFUGEE WAX.

This is a perfect Refugee, with long, round, yellow wax pods. An immense yielder. We find that they are not inclined to rust. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

DWARF SPECKLED WAX.

Probably the best late wax podded bean, not only for market but for private gardens. Its long, cylindrical, waxy yellow pods are tender, of the best quality, when in condition, to use for snaps, while as a green shelled bean the variety has no superior. For those who wish to plant but one variety perhaps this is the best.

Price, per peck, per express, \$2.50; per qt., postpaid, 50 cts.; per pkg., 10 cts.

WARDWELL'S NEW KIDNEY WAX.

This is an extra early, prolific wax bush bean, a *true* stringless wax. The pods average five inches in length. The color is of a delicate waxy yellow. Price, per qt., postpaid, 45 cts.; per pkg., 10 cts.

EARLY GOLDEN-EYED WAX.

With, perhaps, a single exception, it is least subject to rust of any dwarf variety. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

BOSTON SMALL PEA.

This is the bean which sells in Boston market at from twenty-five to forty cents a bushel above the ordinary varieties of pea beans and mediums. It is early, very hardy, and very prolific, and yields from forty to sixty fold, and, in some instances, a hundred, with ordinary field culture. One hundred and twenty-three pods have been picked from one plant, the pods averaging six beans each. The ripened seed is small, round, and handsome. Price, per peck, express or freight, \$1.50; per qt., postpaid, 40 cts.; per pkg., 10 cts.

Plymouth Rock Early Bush.

Here is a new bean, that fills a place of its own without a competitor. It is the *earliest* of all market beans, having long pods, fit for marketing before either the Early Six Weeks or Valentine. Market gardeners who want the *very earliest* bean will find this to be an acquisition. Price, per pkg., 10 cts.

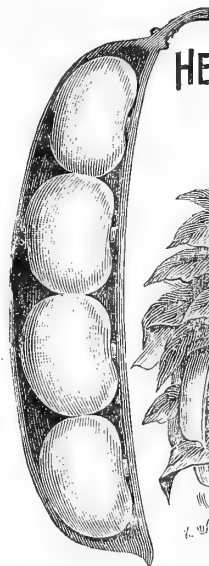
DREER'S BUSH LIMA.

This is a much larger bean and of decidedly better quality than the Henderson bush Lima. It is not quite as large as Large Lima, but the beans are thicker, sweeter, grow closer

together in the pods, are more tender and succulent, and remain longer green after maturing. For some reason, unknown to us, it is sometimes called the "Potato" Lima. On our grounds it grows about two feet high, is of vigorous branching habit, matures early and yields well. Plant in rows two and one-half feet apart, and have the plants a foot apart in the rows. For private gardens, and wherever the use of poles is undesirable, it will be a great acquisition. Price, per pkg., 15 cts.; 8 packages for \$1.00.

MARBLEHEAD EARLY HORTICULTURAL.

What would our customers say to a variety of Dwarf Horticultural that, with all the fine traits of that excellent variety, large beans, and large, rich-colored pods, excellent either for shelling or stringing, there could be added the capital trait of being in the very front rank for earliness? The Marblehead Early Horticultural is, we think, one of the earliest beans grown. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.



HENDERSON'S NEW BUSH LIMA BEAN.



Henderson's New Bush Lima.

Think of raising Limas without poles! Grows from fifteen to eighteen inches high, in a compact bush form, and produces heavy crops, which can be gathered as easily as the common bush bean. It has, also, the excellent trait of maturing its crop at least two weeks earlier than the common Lima. We find this to be the Small Lima, or Sieva. It is a thorough dwarf. To get full satisfaction from this bean it is necessary to grow it on a light soil inclining to sand. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

SNOWFLAKE FIELD.

The above was engraved from a photograph of a vine raised on our farms. A more descriptive name would be Improved Pea Bean, for that is just what it is,—a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting. It is an upright grower and a great bearer. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties, opens the pods to the sun. Enormously productive, one hundred and twenty well-filled pods having been counted on a single vine.

Mr. S. H. Seamans, of Milwaukee, who made a careful comparative test of the yield of the Snowflake, White Wonder, and Burlingame beans, writes us that he found that in this respect Snowflake surpassed the others. He counted one hundred and twenty completely filled pods on a single vine. A correspondent of the *New York World* prefers them, as a green snap bean, to either the Refugee or Mohawk. Price, per peck, per express, \$1.50; per qt., postpaid, 55 cts.; per pkg., 10 cts.

EARLY CARMINE-PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, which makes it decidedly more desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sorts. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

RHODE ISLAND WHITE BUSH.

This is the earliest snap bean raised by the marketmen around Portsmouth for the New York market, to the exclusion of all others. Very early, very productive, first-class as a snap bean. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

KING OF THE GARDEN LIMA POLE.

The King of the Garden is a vigorous grower, requiring but two vines to each pole. When not too closely planted, they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the extreme end of the season.

The vines grow luxuriantly and furnish a bountiful supply of enormous pods, many specimens measuring from five to eight inches, and producing five and six beans to the pod, all perfectly formed, and possessing superb edible qualities unexcelled by any that have come to our notice during a practical experience in bean culture, covering a period of twenty years.

The King of the Garden Lima bean is a variety of unexcelled merit, fully warranting all the praise it has received. Price, per qt., postpaid, 60 cts.; per pkg., 10 cts.



SNOWFLAKE FIELD BEAN.

IMPROVED ROUND YELLOW SIX WEEKS DWARF.

This bean came to us under the above name, but ought to have been called "Improved Dwarf Cranberry," for it is a bean decidedly better than Six Weeks, in that, while that variety becomes stringy, and therefore worthless for snapping early in its growth, this new bean is just about destitute of stringiness in its early stages. It is hardy, and an excellent cropper, and of richer flavor than the wax beans. The beans are the color of Six Weeks, not so oblong. Our friends will find this an excellent sort, either as string, green-shelled or dry-shelled. It is certainly an acquisition. Price, per peck, per express at purchaser's expense, \$1.25; per qt., postpaid, 45 cts.; per pkg., 10 cts.

LOW'S CHAMPION BUSH.

This new bush bean is well adapted to the table, garden, and market. Being entirely stringless, it is extremely tender, and of excellent flavor as a string-bean. The pods are large, and long in shape, containing from five to eight beans each. Price, per qt., postpaid, 45 cts.; per pkg., 10 cts.

FLAGEOLET WAX POLE.

The pods of this new variety of pole bean have the most half-transparent, waxy look of any bean we have ever raised. Pods large, yellow, stringless, and of delicious flavor. A decided acquisition. Later than Golden Butter Pole. Price, per qt., postpaid, 60 cts.; per pkg., 10 cts.

WILKINS' POLE CRANBERRY.

This is a capital variety of the old-fashioned pole Tory or Cranberry bean. It takes to the pole exceptionally well; is a hearty, healthy, vigorous grower, nearly covering the pole with its numerous pods. Though not of the wax class, yet all the Cranberries are nearly entirely free of "strings" and make excellent snap beans at any stage of their growth, and those that ripen are unsurpassed for baking; medium late. Price, per qt., postpaid, 80 cts.; per pkg., 10 cts.

KENTUCKY WONDER POLE.

The most productive variety that we have ever known. We do not recommend it as a shell bean, but as a snap bean it is a "Wonder," as every market gardener will find. Price, per qt., postpaid, 65 cts.; per pkg., 10 cts.

BROCKTON POLE.

This new bean surpasses the Horticultural, which it otherwise resembles in the much greater length of the pods, and in its much darker and richer color, making it very attractive as a market sort. It is a good cropper. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

GOLDEN BUTTER POLE.

A new German Wax pole, early and prolific. Closely resembles the Indian Chief, but it is a better bearer, and the pods are rather longer. Price, per qt., postpaid, 60 cts.; per pkg., 10 cts.

Golden Cluster Pole.

Those of our customers who have raised the Giant wax will get from the comparative sizes in the engraving some idea of the unusual size of the new bean, the smaller one being of the Giant and the largest the Golden Cluster. The pods are enormously large and long, exceeding in size any pole bean cultivated; they are of a fine waxy white and snap capitally. We find that the past season on favorable soil it has cropped splendidly. Price, per qt., postpaid, 60 cts.; per package, 10 cts.



GOLDEN CLUSTER BEAN.

J. B. Stover, Muscotah, Kan., writes: "As this is my twenty-sixth yearly order, I suppose I may be classed in your 'Veteran Corps.'"

Try our Crosby's
Egyptian.

BEETS.

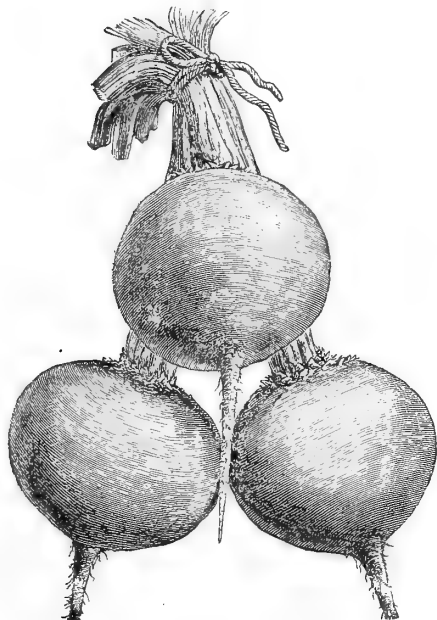
Plant the
Edmonds.

THE LENTZ.



This new strain of early turnip beet has a great reputation in the Philadelphia market, it being a great favorite with the most eminent market gardeners. We find that it is early, of a fine symmetrical form, and that it has a remarkably small, short top. The flesh is very prettily ringed in color, and its quality is tender and sweet. This beet, as an early kind, will prove popular with market gardeners. "The Lentz Hybrid Beets were of superior quality." Stephen Clemons, Hampton, Va. Price, per lb., postpaid, 68 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

ECLIPSE.



Price, per lb., postpaid, 83 cts.; per oz., 10 cts.; per pkg., 5 cts.

Susan Sharp, Bell, Ohio, writes: "The Eclipse Beet eclipsed all those of my neighbors. I had beets earlier than any of them."

This valuable beet, which we introduced a few years ago, has become a standard early variety. We might fill pages with recommendations, but will only add that one of the best proofs of its merits is found in the fact that many of the largest seed-dealers still send to us for seed, at any price, to supply their customers.

A prominent market gardener writes us:

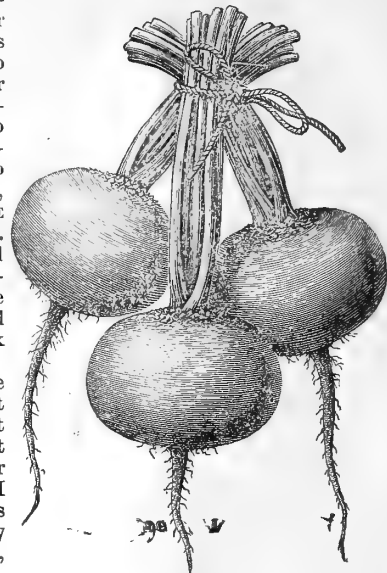
"In an experience of fifteen years, I find the Eclipse surpasses all in earliness, color, smallness of top and smoothness; and, moreover, it is a splendid cropper."

CROSBY'S EGYPTIAN.

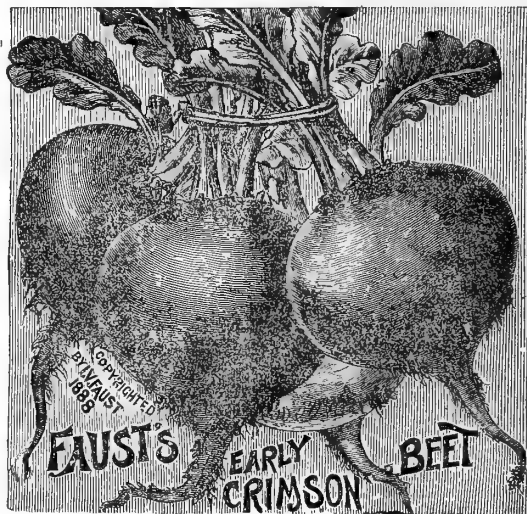
This strain of the Egyptian has become so popular among market gardeners that we have concluded to have its portrait taken for our gallery of good vegetables. FOR THOSE WHO WISH FOR A DARK-FLESHED, SMALL-NECKED EARLY VARIETY OF BEET, THIS IS DECIDEDLY THE EARLIEST AND BEST SORT.

As early as the original Egyptian, by careful selection it has been made thicker, and is less inclined to push up a woody neck as it advances in growth.

George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says, "After trials of many varieties, I pronounce the Crosby's Egyptian the best for early market." Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 30 cts.; oz., 10 cts.; pkg., 5 cts.



FAUST'S EARLY CRIMSON.



We are much pleased as well as surprised with this new beet, pleased with its rich crimson color, and surprised to find that it was THE EARLIEST BEET IN OUR EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE! It is of excellent quality, and its deep blood-red color makes it very attractive to the eye. On our grounds it is the sweetest of all beets. It is sometimes catalogued as the Mitchel's beet. A first-class early beet for every one, but of especial value to market gardeners. Price, per lb., postpaid, 65 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

THE SEEDS MUST GIVE SATISFACTION.

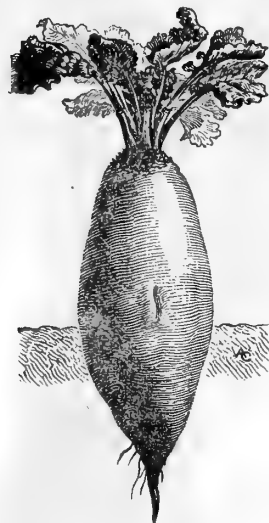
Mrs. Betze Erving: "Have used your seeds twenty-seven years."

A. T. Porter: "Have used your seeds for nineteen years."

H. J. Stone: "Have bought your seeds for thirty years."

Enos Benbow: "Have planted your seeds for thirty-one years."

H. B. Willard: "Am now buying your seeds for the thirtieth year."

Giant Yellow Intermediate Mangold.

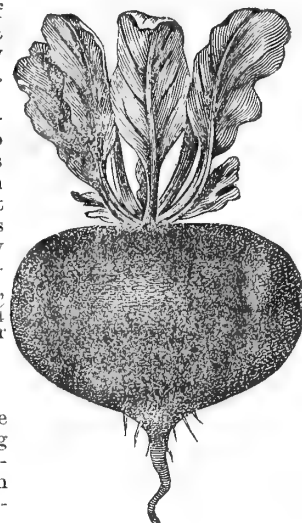
This will be found to be an improvement on the common intermediate, being considerably larger in size. It grows more than half above ground, and is of a russet-yellow color. Rather elongated and a vigorous grower, it has a fine neck, large leaves with green stems, and very smooth, fine skin. Flesh, white, firm and sweet, much liked by cattle. In short, an excellent root, easily lifted from the ground, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape, but the engraving gives the general type. Price, per lb., postpaid, 55 cts.; per $\frac{1}{4}$ lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.

UPLAND CRESS.

In England the cry "Fresh water-cresses!" will be heard early in the morning on the streets of all her large cities. Water-cress requires running water to perfect it, but the Upland Cress, which is similar in its characteristics, can be raised, without extra care, in any garden. Cress, eaten with bread, with a little salt, by reason of its crisp tenderness and slightly pungent taste, is highly relished. This will stand our coldest Winters without protection. Per pkg., 10c.

EDMANDS' BLOOD TURNIP.

This is a very good strain of turnip beet, with flesh of an extra dark color, which makes it very popular with market gardeners. We find it to be medium early. Our customers will find it an excellent variety for general crop where a dark-colored beet is wanted. By the bye, what a notion we have that a dark-colored beet must be the sweetest! There is no beet sweeter than the yellow turnip, nor, do we think, handsomer when on the table. Price, per lb., postpaid, 68 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.



Plant our All Seasons for market.

CABBAGES.

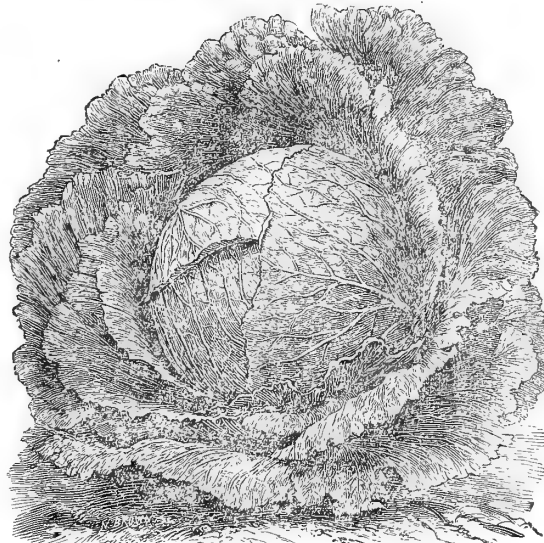
Try the Reynolds in your garden.

EARLY DEEP HEAD.

Every one of our customers who has raised them must have found the Early Deep Head a magnificent cabbage. The Deep Head makes a larger and thicker head than the original Fottler; hence is better to keep over Winter, "peeling" well in the Spring. We present a few recommendations of the cabbage, as given by some of our customers:

W. M. Lefft, Greenwich, N. Y., writes: "I find your Deep Head to be the best second early cabbage I ever raised." W. L. Kuykendall, Dunlap, Iowa, writes: "You do not speak highly enough of the Deep Head; it is the best cabbage I have ever had." J. R. Eaton, Liberty, Mo., writes: "I have never yet found any cabbage that I like better than the Deep Head." M. A. Myers, Lafontaine, Ind., writes: "Your Deep Head cabbage is the best I ever raised; sure to head large and solid."

Price, per lb., postpaid, \$2.50; per $\frac{1}{4}$ lb., 73 cts.; per oz., 25 cts.; per pkg., 10 cts.

THE WARREN.**Sometimes Called "Warren's Stone Mason."**

This first-class cabbage is closely allied to, but an improvement on, the old Mason cabbage of twenty-five years ago. It makes a deep, round and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading, no cabbage surpasses it; a field of them, when in their prime, is as pretty a sight as a cabbage man would wish to see. It comes in as early as some strains of Fottler, and a little earlier than others. A capital sort to succeed the All Seasons. The heads being very thick through, and nearly round, make it an excellent sort to carry through the Winter. Price, per lb., postpaid, \$3.00; per $\frac{1}{4}$ lb., 95 cts.; per oz., 30 cts.; per pkg., 10 cts.

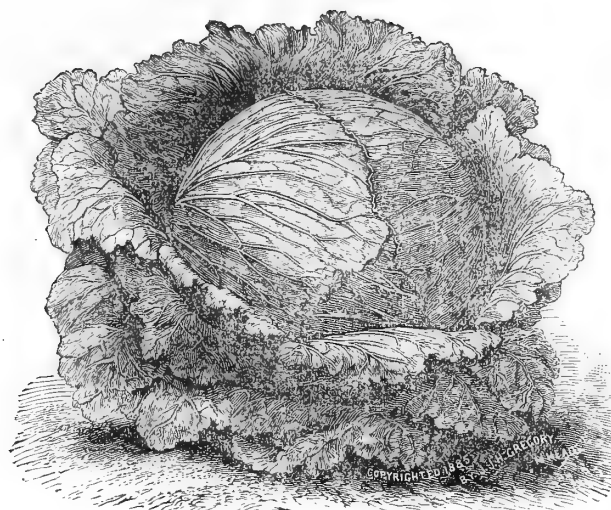
A. H. Wilcox, Miller's Sta., Penn., writes: "I raised a field of your Warren cabbage last year with scarcely a poor head in the lot. It was a bad season for cabbages in this section, and people seeing mine would ask, 'What kind are they and where did you get your seed?'" H. H. Bragdon, Trinity, Cal., writes: "We call the Warren cabbage the very best for fall and Winter."

E. T. Mower, Barre, Vt., writes: "I had splendid cabbage from your Warren seed."

L. Minard, Elyria, O.: "The Deep Head cabbage gave my customers the best satisfaction of any I have ever raised."

CABBAGE—Continued.

REYNOLDS' EARLY.



As stated in a former catalogue, it is a scientific cross, made by Mr. Franklin Reynolds, between the Schweinfurt Quintal and Cannon Ball cabbage, the result being a new variety in which are combined the good qualities of both its parents. The crossing was made by carefully transferring from selected heads the pollen from the stamens of the Cannon Ball to the pistil of the Schweinfurt Quintal. We believe we are correct in stating that the Reynolds is the only cabbage that was ever produced in this country by an actual crossing of two varieties. Most of the new kinds are only strains made by careful selections. Planting different varieties of seed cabbage side by side does not insure or even make probable a crossing of varieties.

All of our customers who have raised the Schweinfurt must have been struck with three of its characteristics, viz., its remarkable earliness, the great size of the heads and its reliability to head. The great drawback was the softness of the heads. Now the Cannon Ball is an early cabbage, being one of the hardest-heading varieties known; and the result has been to produce a new cabbage, which, while as early as the Schweinfurt, partakes also of some of the hardness of the Cannon Ball. The flavor of this new cabbage is rich, tender and sweet, being superior to the Drumhead class, making it a valuable variety for family use, and also for marketing where there is not a long transportation. None of the scores of varieties we have ever grown has a shorter stump than this (the heads appear to rest directly on the ground), and none is surer to head.

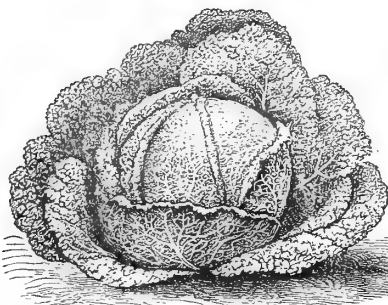
"I raised from one packet of Reynolds' cabbage one hundred and fifty of the finest cabbage I ever grew."

Watertown, N. Y.

W. R. SKELLS.

Price, per lb., postpaid, \$3.25; per oz., 35 cts.; per pkg., 10 cts.

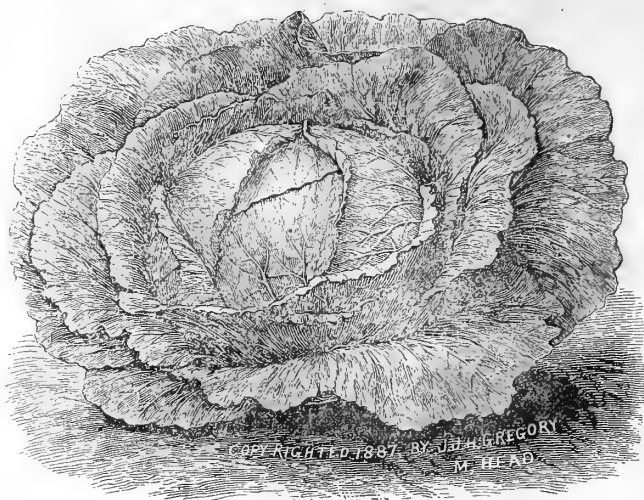
IMPROVED AMERICAN SAVOY.



The Savoy is the tenderest and the richest flavored of all cabbages, and for boiling are decidedly the best, being much superior to the Drumhead and cone-shaped varieties. The Improved American Savoy is probably the best of all the Savoy for the general market. It grows to a large size, is as reliable for heading as the Stone

Mason or Premium Flat Dutch, and has as short a stump as either of these varieties. We heartily recommend it to all those market gardeners who grow Savoy by the acre for the general market. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 20 cts.; per pkg., 5 cts.

GREGORY'S HARD-HEADING (OR LUXEMBURG).



Owing to its remarkable keeping properties and the fact that the head remains as green as when gathered in the fall, in this respect differing from all other cabbage, the Hard-Heading is the king of all cabbage for late Spring selling.

After a larger experience, we are inclined to believe that "Late-Keeping" would have been a peculiarly descriptive name, for in this late-keeping characteristic, among sixty varieties, it occupies the field without a competitor.

A. W. Dodge, Commission Merchant, Boston, Mass., writes: "You may say to any one who may think of growing the Hard-Heading that I say they are the finest cabbage that were ever put on Boston market at this time, May 11, 1891."

Writes Mr. R. M. Edgecomb, from Mapleton, Mich.: "I have just (April 15) taken out a wagon load of your Hard-Heading almost as green as when buried."

Writes Mr. Jonas C. Schoob, of Cumberland, Pa.: "I put out fifty plants, and forty-nine made the heaviest heads I ever saw for their size, and all so uniform!"

The market gardener who sent us the seed writes: "I have tried all the favorite kinds of cabbage, but found no other half so good a keeper, it being in good market condition (at Chicago) as late as the 15th of May, which is a fortnight after all other kinds of cabbage have played out. It also differs from all other kinds in making heads as hard as a rock; standing late frosts in the field better than any other sort, it is especially adapted for late Autumn, Winter, and Spring sales; it is from a fortnight to three weeks later than Flat Dutch, and has rounder heads."

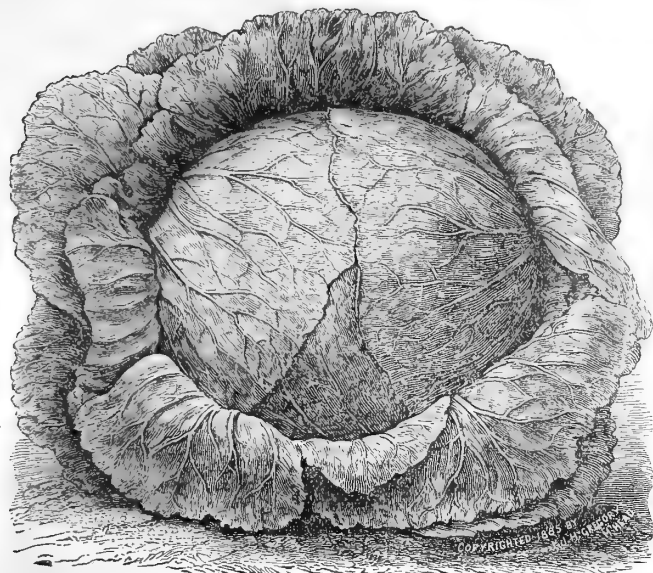
Our summing up of the matter would be this: That for early fall marketing we should as soon have the Deep Head, Stone, Mason varieties; but for late fall, when a large proportion is wanted for shipment, or to be stored for Winter sales, for Winter marketing, and preëminently for Spring and late Spring sales, when cabbages usually bring their highest price, this is the cabbage. Those who raise it will have the markets of late Spring entirely to themselves. Price, per lb., postpaid, \$3.00; per $\frac{1}{4}$ lb., 95 cts.; per oz., 30 cts.; per pkg., 10 cts.

ROTHSELBURG.

We have had this German Drumhead Cabbage on trial for two seasons and are much pleased with it. It has one very striking characteristic: It had more head to it in proportion to the plant than any Drumhead variety. Again, in shortness of the stump it is excelled only by the Reynolds Cabbage. It is a second early sort, and well worthy being tested by marketmen. Price, per pkg., 10 cts.

Midsummer Savoy.

This handsome variety is but little later than Dwarf Ulm, or about as early as Early Wakefield, and makes a larger head. The heads are of a delicate light-green color, and exceedingly rich and tender when cooked. A most excellent cabbage to raise for the family, but not suitable for marketing. Price, per oz., 40 cts.; per pkg., 10 cts.

ALL-SEASONS. (*Headquarters Stock.*)

(Sometimes called Vandergaw.)

For a full history of this new cabbage, of which we were the original introducers, please see our Catalogue for 1886. It is called "All-Seasons" because it is just as good for late market or to keep over Winter, as it is for the early market. This is what our fellow-seedsmen and market gardeners write us:

"We were very well pleased with its appearance. It looked to us very close to Early Summer, but larger."
New York, N. Y.

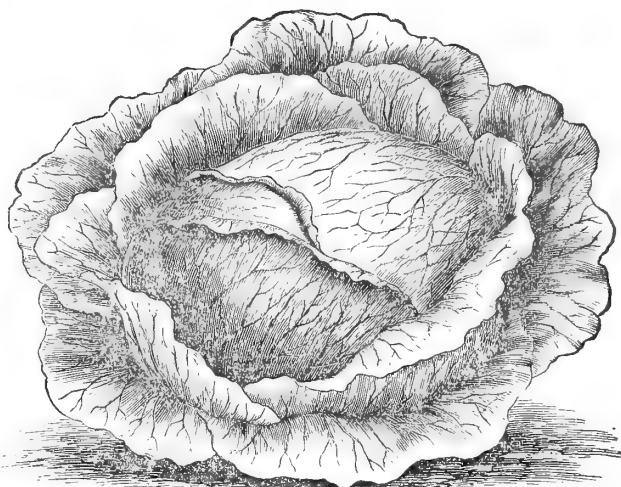
PETER HENDERSON & CO.
"The All-Seasons cabbage is the earliest I had in my grounds this season. The heads are hard and all very handsome. Every plant has given me a hard, solid head, which I cannot say of any other of the six varieties I am growing this year."
E. L. COV.
West Hebron, N. Y.

Price, per lb., postpaid, \$3.00; per $\frac{1}{4}$ lb., 95 cts.; per oz., 30 cts.; per pkg., 10 cts.

Premium Flat Dutch.

This variety is so generally well known in every cabbage-growing district of the United States that an introduction is not necessary. There are several different strains of this cabbage. We have endeavored by years of careful selection of stock to make our own very choice; a large increase in sales, especially in the South, is the best proof that it is so. Very reliable for heading. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 20 cts.; per pkg., 5 cts.

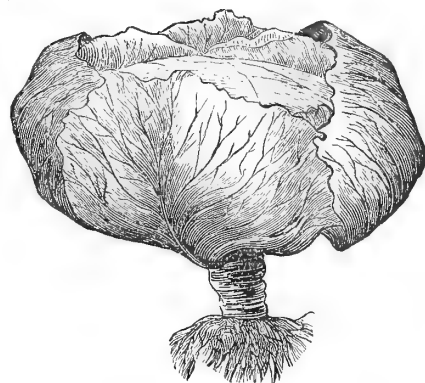
J. L. Douglas, So. Dover, Me., writes: "From one package of your Early Jersey Wakefield cabbage I raised 400 sound heads and sold them for twenty dollars."

Fottler's Early Brunswick.

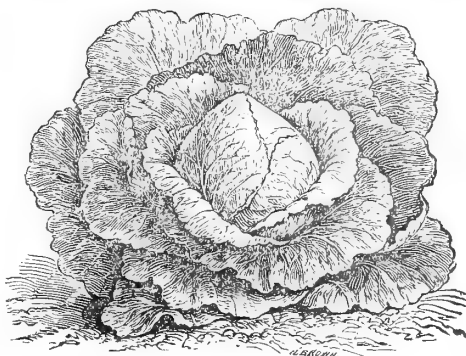
After an extensive trial on a large scale by market farmers in all parts of the United States, Fottler's cabbage has grown in estimation in all the great cabbage districts. Those of our brother farmers who raise this fine, early Drumhead will find the Deep Head an improvement on it in depth of the head, which makes it a better strain to raise when the crop is for Winter or Spring marketing. Price, per lb., postpaid, \$2.50; per $\frac{1}{4}$ lb., 73 cts.; per oz., 25 cts.; per pkg., 5 cts.

MARBLEHEAD MAMMOTH.

This is, without doubt, the largest variety of the cabbage family in the world. We have had heads, when stripped of all waste leaves, that could not be got into a two-bushel basket, having a diameter two inches greater. Our patrons generally succeed in growing the Mammoth to the weight of thirty and forty pounds, and in some instances over ninety pounds. It is the best of all varieties to raise for Winter feed for poultry. Price, per lb., postpaid, \$2.50; per $\frac{1}{4}$ lb., 73 cts.; per oz., 25 cts.; per pkg., 10 cts.

**EARLY JERSEY WAKEFIELD.**

The standard early cabbage in the markets of New York and Boston. Our feed stock will be found to be very choice, being raised from the finest hard heads, carefully selected. We raise two varieties which differ in earliness and size, the larger one being



three or four days later than the other. Price, per lb., postpaid, \$3.00; per $\frac{1}{4}$ lb., 95 cts.; per oz., 30 cts.; per pkg., 10 cts.

CABBAGE — Continued.**EARLY BLEICHFELD.**

Heads are large, very solid and of excellent flavor. Stump short. It is as reliable for heading as any cabbage we have ever grown. The Bleichfeld appears to hold a place distinctly by itself among the early Drumheads raised in the United States. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 20 cts.; per pkg., 5 cts.

DIAMOND WINTER.

Said to be a cross between the Short Stem Drumhead and that remarkably hard-headed sort, the Danish Round Winter, making a large-sized, very hard-headed variety, not liable to crack open, growing on a short stump, and very reliable for heading. Price, per lb., postpaid \$3.00; per oz., 30 cts.; per pkg., 10 cts.

SCHLITZER.

This cabbage, by its singular colors, a marbling of red and green, makes a very striking appearance. It heads as reliable as the Winnigstadt, which it closely resembles in shape, but grows a third larger; is early like that variety, and when cooked is as tender and richly flavored as a Savoy. Price, per $\frac{1}{4}$ lb., 98 cts.; per oz., 30 cts.; per pkg., 5 cts.

HENDERSON'S SUCCESSION.

We find this to be a valuable variety. It has been thoroughly well-bred, and has uniformly short stumps; about every one of them supporting well-shaped, firm, solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per lb., postpaid, \$3.25; per oz., 35 cts.; per pkg., 10 cts.

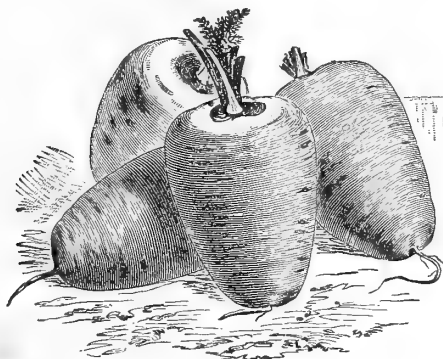
Danvers for
Market.

CARROT.

Guerande can be pulled
by hand.

Guerande Half-Long, Stump-Rooted or Oxheart.

Intermediate as to length between the Scarlet Horn and the Short Horn. It is thicker at the neck than the latter, and as will



be seen by the engraving, carries its thickness well down towards the bottom. Planting it on a large scale, we are well pleased with this new carrot. With us it yielded at the rate of thirty-five tons to the acre. Every carrot can be easily pulled by hand; no ploughing or digging is necessary.

In the experimental grounds connected with the New York Agricultural College, of twenty-five varieties of carrots tested in 1884, the Guerande yielded more than double the average weight of the roots of all other kinds.

Writes G. W. Tripp, Ostego, Wis.: "From one ounce of the Guerande I raised forty-two bushels of fine carrots."

Writes Mr. Walter B. Knight, of Troy, Me.: "On two square rods of land I raised eighteen bushels, which would be at the rate of fourteen hundred and forty bushels to the acre."

Price, per lb., postpaid, \$1.08; per oz., 12 cts.; per pkg., 5 cts.

Giant Wiltshire.

This is the Goliath among the carrot family. Under rich manuring it will grow to be nearly the size of an average Mangold-wurzel. It is white under ground and greenish above, and grows so much above ground as to be pulled without digging. Forty tons can be raised on an acre. It is usually fed to horses. The seeds require thick planting to get a good stand. Have rows fifteen inches apart and thin to five inches. Price, per lb., postpaid, \$1.00; per oz., 15 cts.; per pkg., 5 cts.

James O. Gunter, Drain, Oregon, writes: "Your Giant White Wiltshire Carrot was the largest I ever saw."

EXTRA EARLY DWARF ERFURT CAULIFLOWER.

(Seed specially selected.) Very early, hardy, dwarf and compact. One of the very best for forcing and as an early variety.

We have grown them fourteen inches in diameter. Price, per oz., \$3.00; per pkg., 25 cts.

Danvers.

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business, — the farmers finding a large market in the neighboring cities of Salem, Lynn and Boston. After years of experimenting they settled upon a variety which originated among them (as did the Danvers onion), known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing, generally, with a stump root. The great problem in carrot-growing is to get the greatest bulk with the smallest length of root, and this is what the Danvers growers have attained in their carrot. Under their cultivation (see our Treatise on Carrots and Mangolds), they raise from twenty to forty tons to the acre, and, at times, even larger crops. This carrot is of a rich dark-orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first-class carrot for any soil. The seed we offer is from most carefully selected stock. Price, per lb., postpaid, \$1.33; per oz., 15 cts.; per pkg., 5 cts.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers Carrots from your seed at the rate of sixteen hundred bushels to the acre."

**CHANTENAY.**

This new French Carrot is of a rich, dark-orange color. The stock has been so well bred, the carrots have attained to such a uniformity in shape, that they are almost duplicates of each other. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for a carrot of a finer type than the Danvers. Price, per lb., postpaid, \$1.00; per oz., 12 cts.; per pkg., 5 cts.

**HENDERSON'S SNOWBALL CAULIFLOWER.**

This ranks very high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. It has the best characteristics found in the Berlin Dwarf, Extra Early Erfurt, or Sea Foam. Our seed will be directly from

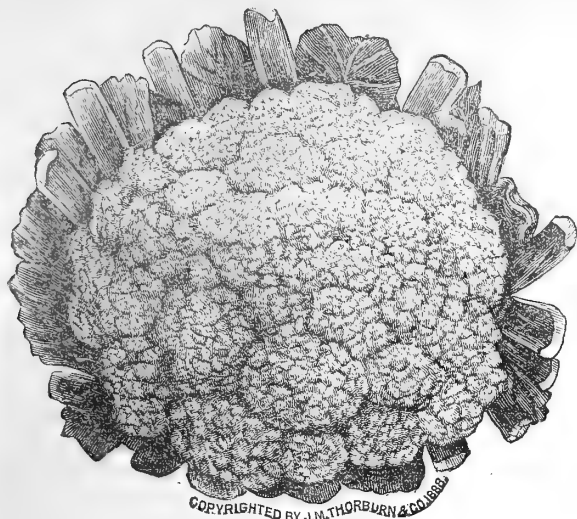
Henderson & Co., and all except the packets will bear their seal. Price, per oz., \$4.00; per pkg., 25 cts.

Why Not Plant**Nott's Peas?**

—They Excel the American Wonder.

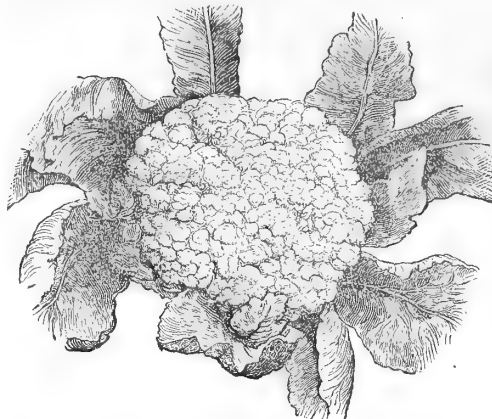
CAULIFLOWER.

THORBURN'S GILT-EDGE.



This is undoubtedly the finest strain of the Snowball variety. It is a little later and larger than the common Snowball, and can be left longer in the field without decaying. Price, per oz., \$3.50; per pkg., 25 cts.

LONG ISLAND BEAUTY.



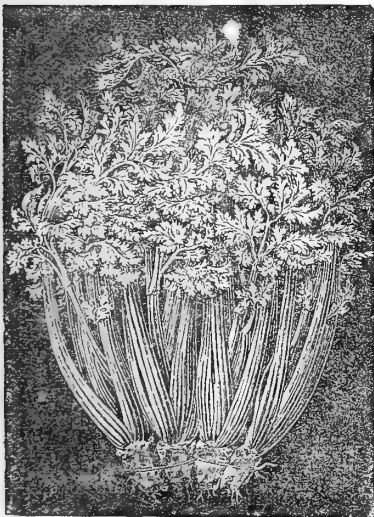
Of the thirteen varieties of cauliflower raised in our experimental plot in 1888 every specimen of the Long Island Beauty made fine heads and the heads averaged larger than any other sort. It is among the very earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial. Mr. Brill calls it "absolutely and unequivocally, the best cauliflower in the world." Price, per oz., \$3.00; per pkg., 25 cts.

Try the new grape, *Green Mountain*,
and *Parker Earle Strawberry*.

CELERY.

*Our Lackey's Corn is nearly as early
as the Cory and of fine quality.*

White Plume.



The peculiarity of the celery known as "White Plume" is, that by closing the stalks, either by tying them up with matting, or by simply drawing the soil up against the plant, and pressing it together with the hands, and again drawing up the soil with the hoe or plow, so as to keep the soil that has been squeezed against the celery in its place, the work of blanching is completed. The very qualities that make its culture so simple unfit it for a Spring celery, as its tenderness and crispness of structure cause it to rot quicker than the old green kinds. Price, per $\frac{1}{4}$ lb., 95 cts.; per oz., 35 cts.; per pkg., 10 cts.

M. S. Gosney, Boston, Ky., writes: "The White Plume and Paris Golden Heart were very fine."

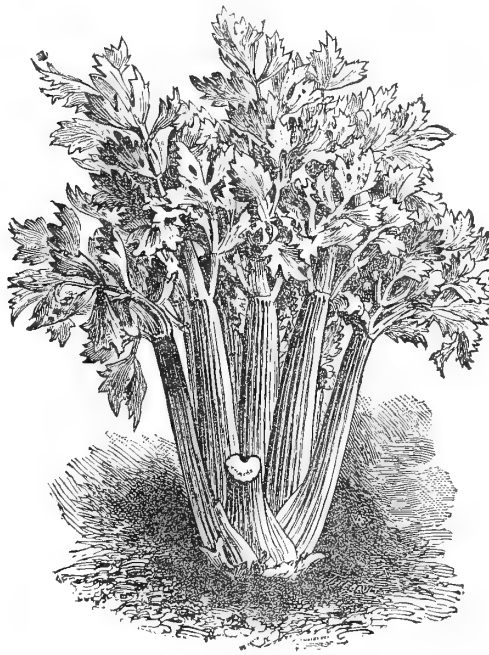
ARLINGTON.

Considered by some growers as an improvement on the Boston Market Celery, it being three or four weeks earlier, and of a larger growth. One of the very best varieties for early growing, it having been carried into Boston market as early as August 18. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 10 cts.

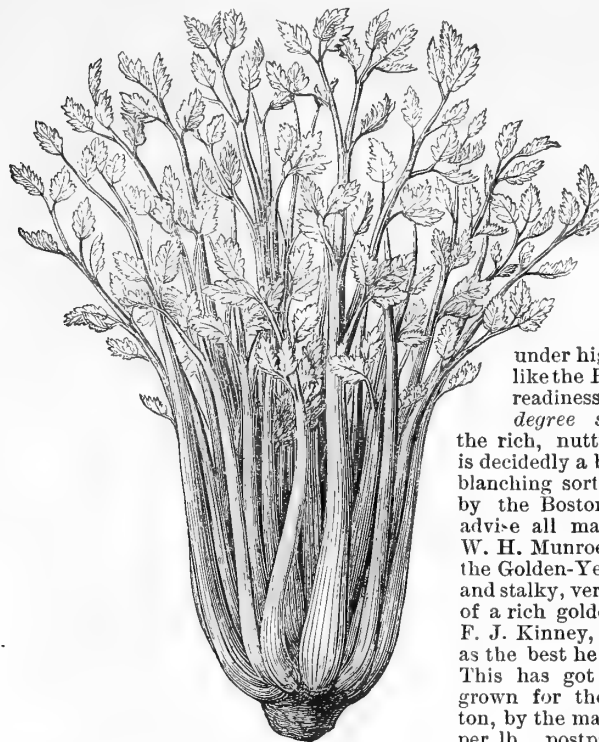
Dwarf Golden Heart.

A half-dwarf sort, silvery white, with golden heart, perfectly solid. One of the leading Boston market gardeners considers it an acquisition. Price, per lb., postpaid, \$2.00; per oz., 25 cts.; per pkg., 5 cts.

GIANT PASCAL.

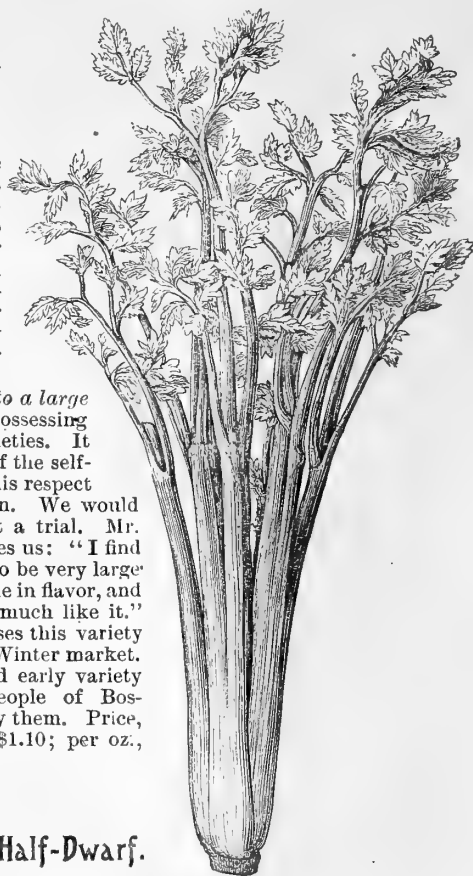


This new variety of celery comes to us from France. It is a tall sort, growing large, thick and solid stalks. Dark-green in color, it has a golden heart and a rich, nutty flavor. Unlike some of the self-blanching varieties, this is a fine keeper, being found in the markets of Paris from the end of December to the beginning of March. Well worthy the attention of every enterprising market gardener. Price per oz., 35 cts.; per pkg., 10 cts.

CELERY—Continued.**PARIS
GOLDEN-YELLOW
LARGE SOLID.**

PARIS GOLDEN-YELLOW.

This celery has become exceedingly popular as an early variety, blanching when earthed up sooner than any other sort. It surpasses in about all the characteristics sought after; vigor of growth, a tendency under high cultivation to shoulder like the Boston Market; large size, readiness in blanching, *it being to a large degree self-blanching*, and in possessing the rich, nutty flavor of the best varieties. It is decidedly a better keeper than most of the self-blanching sorts, though surpassed in this respect by the Boston Market and Arlington. We would advise all market gardeners to give it a trial. Mr. W. H. Munroe, of Beverly, Mass., writes us: "I find the Golden-Yellow Large Solid Celery to be very large and stalky, very easily blanched, very fine in flavor, and of a rich golden-yellow color. I very much like it." F. J. Kinney, Worcester, Mass., endorses this variety as the best he has thus far found, for Winter market. This has got to be the acknowledged early variety grown for the very discriminating people of Boston, by the market gardeners who supply them. Price, per lb., postpaid, \$3.50; per $\frac{1}{4}$ lb., \$1.10; per oz., 35 cts.; per pkg., 10 cts.



CRAWFORD'S HALF-DWARF.

Crawford's Half-Dwarf.

This variety is very extensively grown by the market gardeners who supply the markets of New York City. It has a rich, nutty flavor, and great vigor of growth. When blanched, it is very ornamental for the table, and surpasses most of the large growing sorts in weight of bunch, when grown under the same conditions. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 25 cts.; per pkg., 5 cts.

KALAMAZOO.

This is said to be "the most perfect type of Dwarf White Celery known." Very distinct and handsome, of a beautiful cream-white color throughout, attains a very large size, of quick growth, stiff and close habit, is remarkably solid, crisp eating, and finely flavored. Ribs are very broad, thickly and closely set. By reason of its neat growth, and showy appearance, it is a specially valuable variety for market. A first-class keeper. Price, per lb., postpaid, \$2.25; per $\frac{1}{4}$ lb., 68 cts.; per oz., 25 cts.; per pkg., 10 cts.

CORN.**NE PLUS ULTRA.**

Under this latter name we introduced to the public a number of years ago a variety of sweet corn, since called the "Ne Plus Ultra," which Latin name translated into English would read "The unsurpassable corn." This corn has a very peculiar appearance, the kernels being irregular in shape and distribution on the cob. In the matter of sweetness and tenderness, which, after all, are the special points with the gardener, the "Ne Plus Ultra" has never been surpassed, if, indeed, equalled. The ears are rather below medium size, but as an offset, several grow on each stalk. Price, per qt., postpaid, 40 cts.; per pkg., 10 cts.

LIVINGSTON'S EVERGREEN SWEET.

We find this comes in about a fortnight earlier than Stowell's, yielding large, handsome ten or twelve rowed ears, the kernels of which are extra tender and extra sweet. Capital to follow Moore's. Price, per qt., postpaid, 40 cts.; per pkg., 10 cts.

PERRY'S HYBRID.

On our experimental grounds this has proved to be very early, and a remarkably large-eared sort for one so early. We would suggest to our farmer friends that either this or the Boston Market, if planted at the same time, would follow, for marketing, just after the Cory. Price, per qt., postpaid, 35 cts.; per pkg., 10 cts.

POTTER'S EXCELSIOR.

We don't think there is a sweeter, richer flavored corn for the table than this. Its quality is a surprise to us, and we think it will be to any of our customers who have not as yet grown it. In its season this is the favorite corn in the restaurants of the large cities. There is but little call for any other in Boston when the Excelsior comes into the market. Price, per qt., postpaid, 35 cts.; per pkg., 10 cts.

MARBLEHEAD MAMMOTH SWEET.

Green ears have been exhibited weighing between two and three pounds. It is the earliest, sweetest, and largest of all the Mammoth Sweet varieties. Probably no other sweet corn will yield as much fodder, and it is extensively planted to be fed green, or be put into the silo. Price, per qt., postpaid, 35 cts.; per pkg., 10 cts.

ORIGINAL CROSBY.

This is just what its name imports, the *original* Crosby (it originated in Marblehead, Mass.), very short stalked, very small kernelled, and very early. The ears form very near the ground. Sweet and of rich flavor. Our stalk was presented to us by old Josiah Crosby himself. A great favorite in the Boston market. Price, per qt., postpaid, 40 cts.; per pkg., 10 cts.

CORN—Continued.

LACKEY'S EARLY SWEET.



The Marblehead and Cory varieties, which we introduced a few years ago, have not as yet been surpassed in earliness, as we have learned by testing them with every new early sort. But the Lackey Corn, which we introduced to our customers in 1890, will be found to surpass either of them in two very important qualities: 1st, IT HAS LESS SMUT AMONG IT, and 2d, IT IS A SWEETER VARIETY, being deliciously sweet. Mr. Lackey has spent years in perfecting this variety, and the result of his good work has been to produce a very desirable early market sort, with ears and kernels as large as the Cory, while it smuts less and is sweeter. This will be an excellent substitute for the Cory, or

one to follow the market directly after it, as it matures earlier than the Crosby. Per peck, per express, at purchaser's expense, \$1.25; per qt., postpaid, 40 cts.; per pkg., 10 cts.

C. A. Hill, Middleton, writes: "I do not want for my family use any better corn than Lackey's."

THE CORY.

This new sweet corn, which we introduced in 1885, has proved itself to be earlier and larger kernelled than the Marblehead, being the earliest of all the numerous varieties now known.

Mr. Charles N. Dyer said that he had raised the Early Marblehead side by side with the Cory, and found that the Cory was a few days earlier; it made a larger and more presentable ear for marketing, the husk covering the tip of the ear better than was the case with the Marblehead.

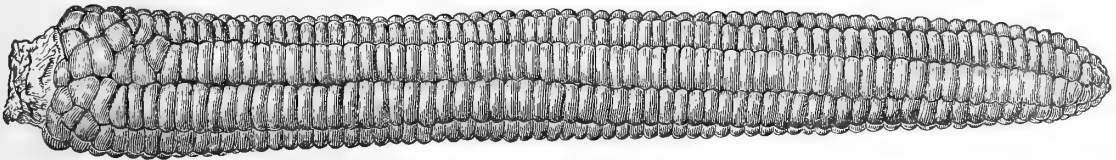
Mr. Lorenzo Talman told us he raised four rows of Marblehead Early side by side with the Cory, and found the latter the earlier by three or four days; "but," said he, "these four days made the difference with me between thirty five or forty and twenty cents per dozen."

Mr. Anthony said: "I find it a decided improvement on the Marblehead in earliness, size of kernels, and general presentableness of the ear."

Price, per bush., \$4.00; per peck, per express, \$1.20; per qt., postpaid, 35 cts.; per pkg., 10 cts.



LONGFELLOW'S FIELD.



This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for forty-five years. The ears are remarkably long, some of them fifteen inches, and oftentimes two or more good specimens grow on one stalk. The cob is quite small. It is the largest variety of yellow field corn that we have ever found it safe to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per pkg., 10 cts.; per qt., postpaid, 40 cts.; per express, 25 cts.; per peck, 60 cts.; per bush., \$2.00.

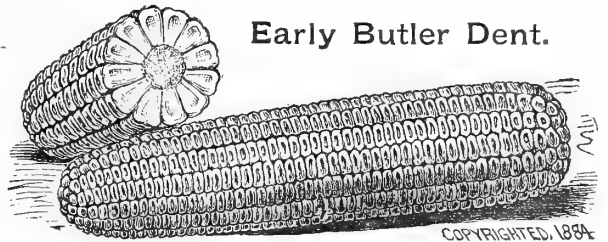
THE BEST CORN FOR THE SILO.

Of all the large Southern varieties suitable for the silo, we prefer the Leaming. It is very tall and leafy, and the very large ears will mature in Central New England. Of the Northern varieties of field corn, I find that Blunt's makes the most fodder; it not only grows a tall stalk, but it has more leaves than other varieties, they growing nearer together on the stalk. Of the sweet varieties, the Marblehead Mammoth and Stowell's we consider the best. Price, per bush., of Leaming, \$2.00; Marblehead Mammoth, \$3.50; Stowell's, \$3.00.

T. F. Espy, Towanda, Pa., writes: "This is the seventeenth consecutive year that I have ordered my seeds from you, and have always found every seed true to name."

Thomas P. Hooper, Richmond, Va., writes: "For more than twenty years I have purchased my garden seeds from you, from twenty-five to fifty varieties yearly, and they have always grown well and proved true to name. I have taken every year a large number of premiums at our State and county fairs on vegetables grown from your seeds."

H. J. Stone, Orwell, Ohio, writes: "I have bought seeds of you for more than thirty years, and have always found them fresh and true to name."



Early Butler Dent.

Mr. Clark, of Ohio, who sends out this new corn, writes us as follows: "For three years I have been testing this corn, with all the standard and new sorts, and find, after a thorough trial, that it is the very best one yet introduced for Northern climates."

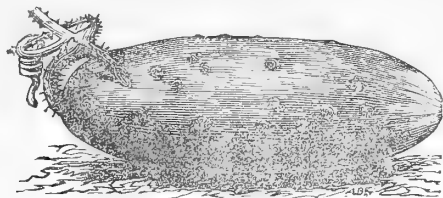
F. K. Bussing, of Hutchinson, Kan., writes: "I am well pleased with the Butler corn. It is the corn for this country, a small cob and stalk; it was ripe the middle of August."

T. H. Burke, Wakeman, Ohio, says: "I will plant no other."

Price, per bush., express, \$2.00; per peck, express, 60 cts.; per qt., postpaid, 40 cts.; per pkg., 10 cts.

CUCUMBER.

NICHOLS' MEDIUM GREEN.



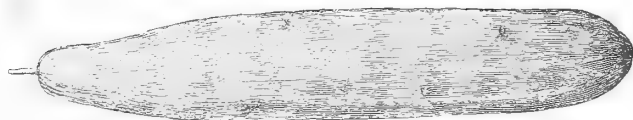
This comes as uniform in shape as Early Russian, though considerably larger than that variety. It is an excellent sort for pickles, and also good for early forcing. Color, dark-green; flesh crisp; very prolific; and always straight, smooth, and handsome. Many of the larger pickle-growers who have tested it pronounce it a decided acquisition. Price, per lb., postpaid, 90 cts.; per $\frac{1}{4}$ lb., 28 cts.; per oz., 10 cts.; per pkg., 5 cts.

TAILBY'S HYBRID.



Mr. Tailby made this choice new variety by his skill and perseverance in crossing the Early White Spine on one of the largest of the English frame varieties. In Tailby's we have a perfect success in hardiness, as it proves to be equally hardy with our American varieties. In size it is larger than the White Spine, while it retains all the smoother beauty of its English parentage. Price, per lb., postpaid, 90 cts.; per oz., 10 cts.; per pkg., 5 cts.

GIANT GERMAN.



As will be seen by the engraving, this is an enormously large and exceedingly handsome cucumber. Some of the specimens attain to the length of 25 inches! The white color is peculiarly clear and strong. For all who desire to raise the handsomest possible variety for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. A customer in Georgia writes us that he grew one three feet long. Price, per oz., 50 cts.; per pkg., 20 cts.

THORBURN'S EVERBEARING.

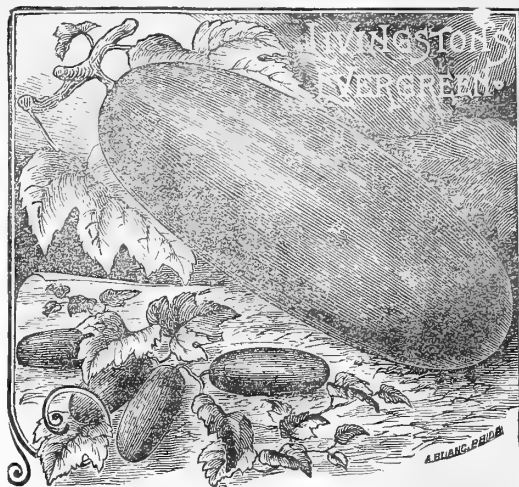
Says the introducer: "This entirely new and unique variety is of small size, *very early, enormously productive*, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*, in which it differs from all other sorts in cultivation. Per pkg., 5 cts.; per oz., 15 cts.

Giant Pera.

The cucumbers have an elegant symmetry of form, and a clear smoothness of the skin, which makes them very attractive to the eye. The flesh is crisp and tender, of excellent flavor, with very few seeds. They have been raised twenty-six inches in length, and to weigh from four to six pounds. Price, per oz., 15 cts.; per pkg., 5 cts.

HONEST SAGE AND MUSTARD.

My wife for years has not been able to find in the market the good old-fashioned Sage, with its good green color and strong sage flavor. What she finds is a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity is used, it gives a bitter taste to the dressing. We have recently found a young man who is putting up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process, but by it he is enabled to retain the good green color, and, what is more important, the strong sage flavor. He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian-meal or horse radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces without the box. We can send these to such of our customers as want a pure article, at 12 cts. a box for the sage, and 18 cts. for the mustard, postpaid by us; or for 10 and 14 cts., respectively, when either by express or freight, and 2 cts. less per box of each, either way, where a dozen of each is taken.



The New Evergreen is very *hardy and evergreen*, withstanding drought, and bearing until frost. One grower says it bears four to one compared with standard sorts. A very strong grower, extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says, Oct. 19, 1891: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frosts killed the vines it really looked as though the whole surface of the ground was covered."

Mr. Henry C. Pound, Ky., April 4, 1891, writes: "Livingston's Evergreen Cucumber I consider one of the best for slicing, also good for pickling, and a prolific bearer. It was very dry with us last year. I did not have a fair trial, but pronounce it ONE OF THE BEST Cucumbers. It did not seem to stop bearing."

Mr. A. D. McCormick, Ohio, April 4, 1891, writes: "The Livingston's Evergreen Cucumber was all that could be desired in both yield and quality."

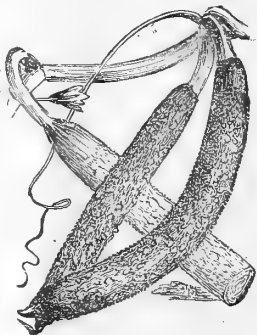
Mr. Jos. E. Sherwood, Conn., March 30, 1891, writes: "I cannot speak too highly of Livingston's Evergreen Cucumber."

Mr. L. L. Blackford, Ohio, Nov. 1, 1891, writes: "Livingston's Evergreen Cucumber is a good market sort. Will plant more of them next season."

Price, per oz., 15 cts.; per pkg., 5 cts.

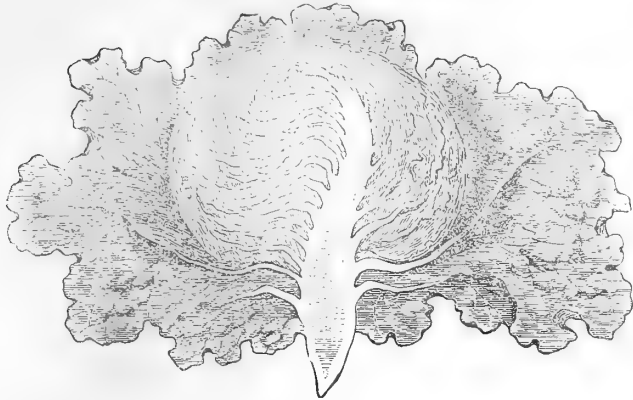
PARISIAN PICKLING.

The engraving gives an exact reproduction of this new French cucumber. As will be seen, it is markedly distinct from all other varieties, the fruit being strikingly long and cylindrical, and densely covered with fine prickles. The flesh is both hard, crisp and tender, what we all greatly desire in our pickles. We find that the vines are fairly productive, the fruit growing on peculiar stems, as shown in the engraving. It deserves a spot in every garden. Price, per oz., 20 cts.; per pkg., 10 cts.



LETTUCE.

THE HANSON.



The most popular lettuce catalogued.

The above cut shows the inside of this superior lettuce, the heads of which grow to a remarkable size, and are sweet, tender, and crisp, even to the outer leaves. This variety is free from any bitter taste found in some sorts. It is not recommended for forcing, but for outdoor cultivation it is rarely equalled, if grown on ground well manured and well cultivated. Price, per lb., postpaid, \$1.50; per oz., 15 cts.; per pkg., 5 cts.

"Your seeds give satisfaction, especially the Hanson Lettuce. I had some heads that weighed three pounds, trimmed."

Monroe, Hill County, Ill.

CARLE A. BUSCH.

"As to the Hanson Lettuce, you don't half praise it. I raised one plant that measured twenty-five and a half inches in diameter."

Bloomington, N. Y.

MRS. LOUISE M. LENNON.

GRAND RAPIDS.

By the use of this distinct variety the Grand Rapids (Mich.) gardeners have been able to distance all competitors, and hold the markets for forced lettuce at their own figures, not only in this one city but as far south as Cincinnati. It is the kind exclusively used in fifty of their largest greenhouses. It is beautiful in appearance, a strong grower, very tender and crisp. Price, per oz., 25 cts.; per pkg., 10 cts.

Defiance.

This is an improvement on the Perpignan, making large heads, about as large as small cabbages, which the heads resemble in the way they turn in their leaves. It is light pea-green in color, and remains exceptionally long in head without going to seed, which makes it a superior Summer variety; the edges of the leaves are slightly curled. Price, per oz., 20 cts.; per pkg., 5 cts.

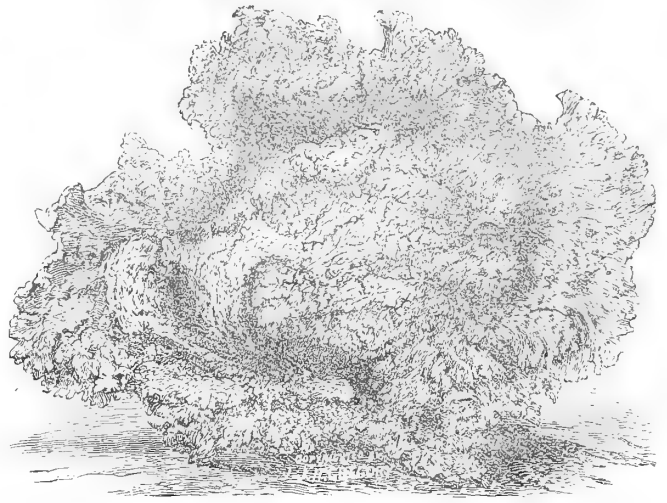
SUGAR-LOAF.



If you want a first-class, all-round family lettuce try this. Its habit of growth is such that while its branches out (growing, under good cultivation, to ten or twelve inches in diameter), it also grows thick and high, thus making a large plant with plenty of heart. It is medium green in color, with a fine brown tinge. It is of excellent quality, and does not quickly run

to seed. We recommend it as being among the best of Summer lettuces. Price, per lb., \$2.00; per oz., 20 cts.; per pkg., 10 cts.

MARBLEHEAD MAMMOTH CABBAGE.



This makes the largest head of all the lettuce we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover, the heads were as distinctly defined, and were as closely wrapped together as are found in those of the average of Drumhead cabbage. The entire lettuce was eighteen inches in diameter. The leaves were lightish-green in color. It ranks among the second early. In quality it is tender, crisp, and free from bitterness. As this lettuce, coming to us without a name, stands among its kind as the Marblehead Mammoth Cabbage does among its kind, the very largest heading of all sorts, we have concluded to name it the Marblehead Mammoth Cabbage Lettuce.

Mr. Meggatt, the well-known seed-grower, writes us: "Planted in my trial grounds it proved a splendid Summer cabbage lettuce; very large, a hard header, good quality, and very slow to run up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

Price, per lb., postpaid, \$2.00; per oz., 25 cts.; per pkg., 10 cts.

New Hot-House.

This new variety is especially adapted to greenhouse and hot-bed culture. It is a sure header, making larger heads than White Tennis-Ball and is not liable to rot. The seed was grown under glass. Price, per oz., 45 cts.; per pkg., 15 cts.

DENVER MARKET.

This on our grounds is what the introducer claims it to be, "an early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads, of a good light-green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong." Price, per oz., 35 cts.; per pkg., 10 cts.



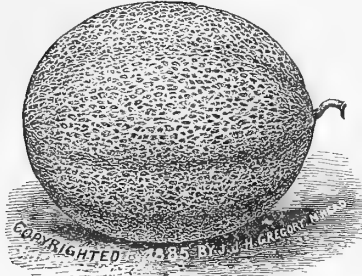
In writing please give your Name,
Post-Office, County, and State.



MUSKMELON.

THE MILLER CREAM.

This melon, which we were the first to name and catalogue, has deservedly become exceedingly popular, probably more so than any muskmelon now before the public. The best recommendation we can give for this queen of melons is the fact that the marketmen in 1886 bought up all the seed they could procure,



at \$5 per pound. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger than the former. The flesh is of a rich-salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured, and but little netted.

The vine is a strong grower, and productive. Tested side by side, it was not excelled in productiveness by any of the varieties in our experimental grounds.

Says Mr. Goff, of the New York Ag. Exp. Station: "It is extremely sweet, rich, and delicious, and very distinct from any other."

Chas. Purrington, Pequabuck, Conn., writes: "The Miller Cream is, without exception, the very best variety I ever raised; many of my friends pronounce it the best they ever ate, and I have a good many friends about the time melons are ripe."

We will advise all our customers who like a first-class melon by all means to try the Miller.

Price, per lb., postpaid, \$1.25; per $\frac{1}{4}$ lb., 38 cts.; per oz., 15 cts.; per pkg., 10 cts.

Golden Netted Gem.

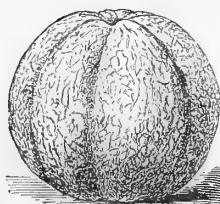
A new and most valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened as early as the earliest, and the whole crop considered decidedly the earliest of any of them. Green-fleshed, nearly round in form, very heavy for its size, flavor delicious. It is below the average size, making it a better variety for family use than for market, but is a tremendous cropper, yielding as many as twenty to a single hill. Price, per oz., 10 cts.; per pkg., 5 cts.

BANANA.

This melon surpasses all others in its delicious fragrance.

None of the one hundred and seventy varieties of vegetables exhibited by us at the Essex Agricultural Society in the fall of 1883 created a greater interest than the Banana Melon. It is externally of a creamy-white or delicate straw color. Just under the outer skin the under one is seen, of a bright-green color, while the flesh below (the melon being nearly solid) is of a rich-salmon, making a fine and striking contrast when brought to the table. The quality is first-rate when the melons are thoroughly ripe. It grows from eighteen inches to two feet in length, and is very prolific. When ripe it reminds one of a large, overgrown banana, and, what is a singular coincidence, it smells like one, having a remarkably powerful and delicious fragrance. Price, per lb., postpaid, 83 cts.; per oz., 12 cts.; per pkg., 5 cts.

SILL'S HYBRID.

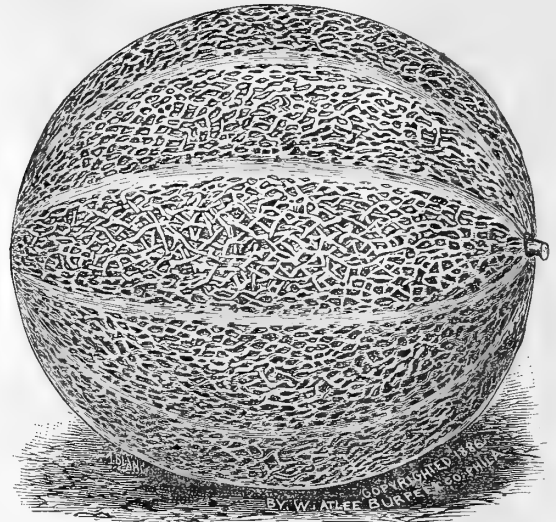


This has all the earliness and sweetness of the White Japan, but is more spicy and delicious. Very vigorous and productive. The flesh is of salmon color. No garden should be without it. Geo. W. Stetson, Barre, Mass., writes: "Growing your Sill's Hybrid Melon, I find it to be delicious in quality." Price, per lb., postpaid, 90 cts.; per oz., 12 cts.; per pkg., 5 cts.

SURPRISE.

This new melon has a thin, cream-colored skin and a thick, salmon-colored flesh. Early, very productive, and of delicious flavor. Externally it resembles White Japan, but grows to twice the size. Price, per lb., postpaid, 80 cts.; per pkg., 5 cts.

CHAMPION MARKET.



Of the new claimant for public favor, it is claimed to be quite distinct from other varieties. It weighs from four to five pounds each. The flesh is light-green in color, of a rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It has been sold in markets of New York at \$1.50 per barrel higher than the average of melons. It is said to be very productive. It is an excellent shipper and promises to make a first-class market variety. Whether it will surpass the Miller our patrons must judge. Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 30 cts.; per oz., 12 cts.; per pkg., 5 cts.

Bird Cantaloupe.

Mr. Bird claims for his new Cantaloupe Melon extreme earliness, large size, fine flavor, and good keeping qualities. The flesh is thick, light-green in color, and of fine quality. They have been grown to weigh twenty-two pounds, measuring 34 by 38½ inches. Mr. B. F. Battles, of Massachusetts, writes:

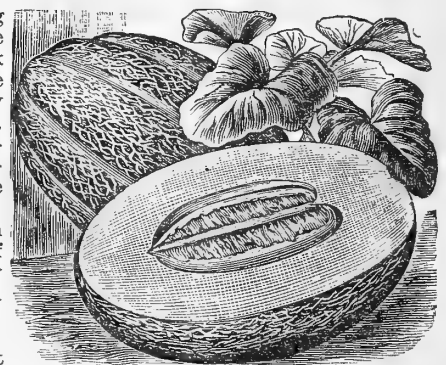
"It is double the size of the Montreal cantaloupe and fully equal to it in flavor."

Price, per lb., postpaid, 83 cts.; per oz., 10 cts.; per pkg., 5 cts.

DELMONICO.

This has a taking name, that of the famous New York caterer, who may be supposed to know what a good melon is. Having had no experience with it ourselves, we quote from its introducer: "The flesh is of an orange-pink color, of the same fine quality as the 'Emerald Gem.' Mr. McCoy, of Waterloo, Neb., probably the largest melon-grower in the world, writes us that 'Delmonico' was the only muskmelon of uniform good quality with him in 1889."

Price, per lb., postpaid, \$1.00; per oz., 12 cts.; per pkg., 5 cts.



HACKENSACK.

Considered in New York the most popular variety of Muskmelon for market. It attains a large size, is round in shape, flattened at the ends, is of a most delicious flavor, and wonderfully productive. Price, per lb., postpaid, 90 cts.; per pkg., 5 cts.

VINE PEACH.

These grow on vines the same as melons, are a beautiful, golden-yellow, almost exactly resembling oranges in color, shape, and size. The flesh is snow-white. They are of no value for eating except fried, as egg-plant, when green, when they are good eating. Excellent for mangoes. They will keep in good condition two months after being picked from the vines. Very productive, early, and hardy. Price, per oz., 15 cts.; per pkg., 5 cts.

EMERALD GEM.

This new melon is of the Christiana type, small in size, very early; in form it is flat-round. The flesh is of a deep-orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor is delicious, the melons being uniformly good; they are very uniform in appearance. Price, per lb., postpaid, \$1.00; per oz., 12 cts.; per pkg., 5 cts.

MONTREAL NUTMEG.

This has been raised to weigh over thirty pounds. Exceptionally uniform in shape; netted; flesh, green; quality, very good for so large a variety. Price, per oz., 10 cts.; per pkg., 5 cts.

FOTTLER'S MANGO.

This variety of melon is used entirely for making pickles, being gathered when green; shaped like a long muskmelon, but is much smaller. Price, per oz., 25 cts.; per pkg., 10 cts.

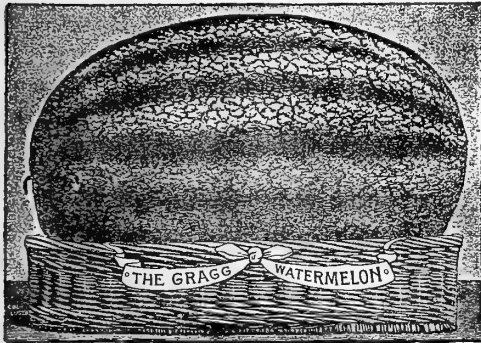
Extra Early Hackensack.

This was obtained by selection from the Hackensack, and is several days earlier. Thorough trial has proven it to be one of the best and earliest of the netted varieties. Price, per lb., postpaid, \$1.00; per ¼ lb., 30 cts.; per oz., 15 cts.; per pkg., 5 cts.

IRONDEQUOIT.

This appears to be an enlarged Miller Cream melon, growing to twelve or fifteen inches in diameter. It appears to have the exquisite, nectar-like flavor of that fine variety and the external characteristics. If it will stand squarely up to what is claimed for it, then it is indeed an acquisition, for the Miller melon, of which we are rather proud to have been the original introducers, is one of the good things we can never have too much of. Price, per lb., postpaid, \$1.00; per oz., 12 cts.; per pkg., 5 cts.

WATERMELONS.

THE NEW CRAGG.

A new and very distinct variety in both inside and outside appearance. Color dark-green with alternate stripes of lighter green, the whole being covered with a delicate tracery of dark veins. The flesh is of a delicate salmon tint, which

makes it exceedingly handsome and tempting. Flesh sweet, juicy, and melting, with a rich flavor peculiar to itself. Wherever grown it has called forth the highest praise for its new and distinct appearance, its earliness, its hardness, and great productiveness. Large, oblong, just about the right size for marketing. Several weeks earlier than Ice Cream. Price, per lb., postpaid, \$1.00; per oz., 15 cts.; per pkg., 5 cts.

Iron-Clad.

A large melon, chiefly resembling the Gypsy. Flesh of a rich red; flavor sugary and delicious, keeping its quality to quite near the skin. Called Iron-clad because they stand rough usage so well without injury. Price, per lb., postpaid, 83 cts.; per oz., 10 cts.; per pkg., 5 cts.

GREEN AND GOLD.

When this was put on the market we believed it to be the same as the "Golden-Fleshed," which we introduced several years ago; but, on trying it on our own ground, we find it entirely distinct. The color just below the skin is of the richest golden-orange. In sweetness and flavor it is simply delicious, certainly not surpassed by any red-fleshed variety we have ever eaten. This melon grows to weigh from twenty to forty pounds and ranks among the very earliest. Its rich golden color will make it most desirable as an ornament for the table, especially if arranged in contrast with the common sorts. It is, unquestionably, an acquisition. Price, per lb., postpaid, 83 cts.; per ¼ lb., 25 cts.; per oz., 10 cts.; per pkg., 5 cts.

Our friends have neighbors and friends. If such neighbors and friends own a farm or have a garden, will our friends kindly send us their address?

FLORIDA FAVORITE.

Mr. Girardeau, of Florida, who originated this new variety, thus describes it: "In shape it is oblong; in coloring, green and white stripes blended; flesh, light-crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb Gem, and Iron-clad, all having been planted at the same time." He considers it the finest table melon extant. Seeds rather small and of a creamy-white color. Price, per lb., postpaid, 83 cts.; per oz., 10 cts.; per pkg., 5 cts.

DARK ICING.

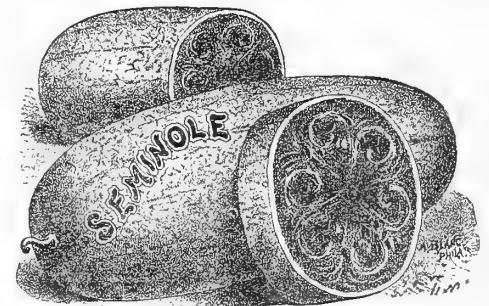
One of the best of all melons, possessing a delicious flavor. There are two varieties, — a light and a dark skinned, — differing in color only. Price, per lb., postpaid, 83 cts.; per pkg., 5 cts.

HONEY.

The flesh is of a rich yellow color, and in delicious sweetness and rare quality reminds one of honey, being, without exception, the sweetest melon we have ever raised. It is among the earliest of watermelons. It grows to a large size. Possibly our customers may find occasionally a sport in their crop; but it is too good a melon to be kept back longer from general distribution. An acquisition. Price, per oz., 15 cts.; per pkg., 5 cts.

SEMINOLE.

This new melon originated in Florida, the land of melons as well as flowers. It sports from gray to green in color, but each are of the same size, shape, flavor, etc. It is said to possess four distinguishing qualities: it is *extra early*, *extra large*, *enormously productive*, and of *most delicious flavor*.



Personally, we have not had an opportunity to test it, but the testimonials, from which we select three or four, from Monticello, Fla., endorse it very highly:

"I pronounce your 'Seminole' a perfect melon in every respect." R. C. PARKHILL, Clerk County Court.

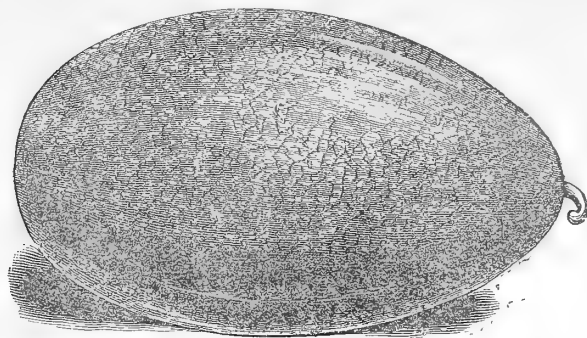
"Have never tasted a finer melon than your 'Seminole'."

J. S. DENHAM, Mayor.

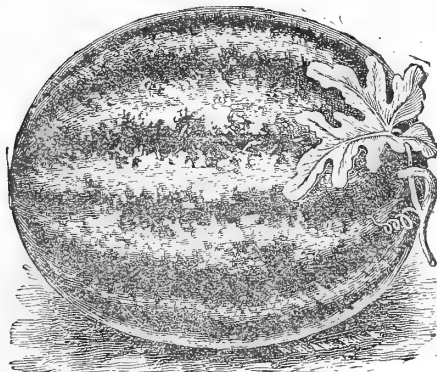
"I have never before seen so large a melon of such delicious flavor as your 'Seminole'." T. M. PULESTON, County Judge.

"I think your 'Seminole' is far superior to all other varieties you grow." D. S. BIRD, Sheriff.

Price, per lb., postpaid, \$1.00; per ¼ lb., 30 cts.; per oz., 10 cts.; per pkg., 5 cts.

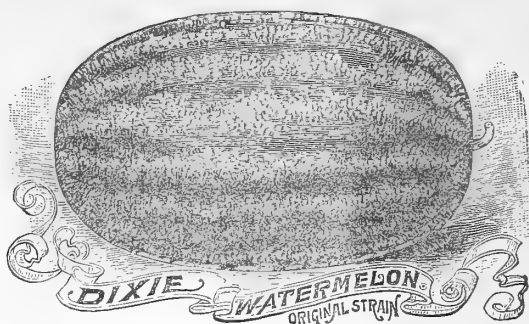
Red-Seeded Vaucluse.

The bright-red seed of this melon in contrast with its brilliant-red flesh gives it a beautiful appearance on the table. It grows to a fair market size, is early, and a good shipper. Color of skin dark-green, threaded with a still darker green. Price, per lb., postpaid, \$1.00; per oz., 15 cts.; per pkg., 5 cts.

KOLB'S GEM.

and grows to weigh from twenty-five to fifty pounds. Price, per lb., postpaid, 75 cts.; per oz., 10 cts.; per pkg., 5 cts.

This is largely grown in the South for shipping to Northern markets, and has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. The flesh is of a bright-red color, and it ranks high for flavor. It is round in shape, striped with light-green,

DIXIE.

A new Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness; highly recommended by various growers for hardiness, quality, and productiveness. One realized \$200 per acre; another got \$30,—\$40 per hundred; a third declares it the best in his thirty years of experience; a fourth counted a dozen ripe to a hill, and a fifth took first premium at the Illinois fair. Price, per lb., postpaid, \$1.00; per oz., 15 cts.; per pkg., 5 cts.

BOSS.

Dark-skinned, medium size, medium early. In a test of one hundred and thirty varieties of watermelons, the "Boss" led in appearance, shipping, and eating qualities. Price, per lb., postpaid, 83 cts.; per oz., 10 cts.; per pkg., 5 cts.

Ruby Gold.

These vary in external color, part being light striped and part dark, and there is also some varying in the color of the flesh, but all are exceedingly elegant, being mostly an admixture of the two colors, ruby and gold, which has a rare ornamental effect. They grow to a good size and are very sweet and of excellent quality. Price, per oz., 15 cts.; per pkg., 5 cts.

VICK'S EARLY.

Of medium size, oblong and smooth, flesh, bright-pink (resembling closely the Southern varieties), solid and sweet. We consider this one of the best of early watermelons. Price, per lb., postpaid, \$1.00; per oz., 10 cts.; per pkg., 5 cts.

SUPERIOR ONION SEED.

(See Prices on Page 46.)

For full directions for raising Onions, see our Treatise on Onion Growing — sent to any address for 30 cents.

The crop of onion seed, the country through, is rather short this year.

Pedigree Onion Seed.

We still continue to raise our pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in winnows, and dry enough to house, on their hands and knees to select out the dryest and therefore the earliest, the thickest, hardest, and best-shaped onions, all to be of good market size. We thus get the very cream of the crop, and from these raise our seed. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market, which we know is raised either from very small, refuse onions, or large coarse ones, or from such onions as the seed-grower chances to have on hand — either of which tends to produce an inferior stock of seed. No experienced market gardener would plant such seed, even were it given to him. We would invite any onion planter to visit our seed farms, at Howes' Station, Mass., and examine our seed onions, and we shall be much mistaken if we cannot show him by the thousand bushel the handsomest lot of seed onions to be found on any seed farm in the United States.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be

inbred in a cow or in any class of animals. What is possible to attain to in this matter our customers find in our onion seed, as shown in the extracts from letters given below.

An axiom that every onion-grower soon learns: "Cheap onion seed is always dear."

R. N. Howe, Golden, Iowa, writes: "I stated in my order last year that I intended to beat Del. Co. on onions raised from your seed, and I fully succeeded. I raised at the rate of eight hundred bushels per acre, and but for excessive dry weather would have reached one thousand."

Jacob Reist, Conestoga, Ont., writes: "I have never raised a variety of onion that suited me as well as your Early Red Globe Danvers, as to its earliness, bottoming and flavor."

Jas. C. Young, Newmarket, N. H., writes: "I sowed one-half pound of your Yellow Danvers onion seed on one-sixteenth of an acre of measured land and raised sixty-one and one-fourth bushels of as fine onions as I ever saw."

E. A. Garrett, St. Paris, Ohio, writes: "I raised from one-third pound of your Southport White Globe onion seed one hundred bushels. When pulled they looked like so many white turnips."

Arthur B. Doolittle, Wallingford, Conn., writes: "The onion seed received from you last year was the best I have ever had. It came up the evenest of any I have ever planted. I raised two hundred and thirty bushels from one-quarter of an acre. They were the finest onions that I have ever seen, and not over a peck of small ones on the entire piece."

EXTRA ROUND YELLOW GLOBE DANVERS.

There are several strains of the Danvers Onion; beginning with an onion but slightly thicker than the old flattish Strasburg, they may be graded all the way to a strain that is about as round as a boy's ball. As some of our customers have expressed a preference for the extreme type, we have this season raised a limited quantity, some of the seed from the handsomest specimens in our crop of seven hundred and sixty-two bushels to the acre. This is undoubtedly the heaviest cropper of all the varieties of Danvers Onion, some of our neighbors having raised eleven hundred bushels to the acre. It has the one drawback that it re-

quires the highest manuring to perfect it (from twelve to twenty cords of strong manure), otherwise it will produce a larger per cent. of scallions than the common strains. Heavy manuring makes all strains of Danvers Onions grow thicker and rounder. Price, per lb., postpaid, \$3.50; per $\frac{1}{4}$ lb., \$1.10; per oz., 35 cts.; per pkg., 10 cts.

WHITE BARTLETTA.

The earliest of all varieties of the onion family. The distinguishing quality of this variety is its great earliness, as also its beautiful white nacreous color. Earlier than the White Queen, it is about $1\frac{1}{4}$ inch in diameter, and $\frac{3}{4}$ inch thick, with a flat top and a prominent base. Its earliness cannot fail to make it a favorite in every garden. Bulbs raised from the seed sown will mature just about as early as those raised from sets. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 5 cts.

**EARLY ROUND YELLOW DANVERS.**

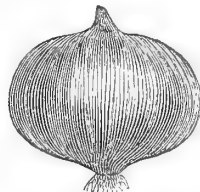
The Danvers Onion excels in earliness, and commands, usually, a readier sale and higher price than the red sorts. By years of careful selection, it has been improved, and is one of the handsomest of onions. It does best on a gravelly loam, making harder and brighter colored bulbs than on heavy, dark or mucky soil, besides keeping better. If to be raised on muck, the land should first receive 200 loads per acre of gritty soil. If the land is in onions for the first



time, plant half a pound of seed extra. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 10 cts.

EARLY RED GLOBE DANVERS.

This variety, though it has had the name "Globe" given it, is a thick, flat, rather than round onion. There are several kinds of Early Red Globe Onion seed before the public; but in our trial grounds we have found no one of them equal in bottoming, earliness, and cropping qualities to our Early Red Globe Danvers. This onion is not as well known as it ought to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winnigstadt cabbage is to make a head. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 10 cts.

**SOUTHPORT LATE RED GLOBE.**

Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late, and we do not recommend it for farmers who live north of Southern Connecticut. Let such try our new variety, the Early Southport Red. Price per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 5 cts.

LARGE FLAT WHITE ITALIAN.

We have always hesitated to recommend to our customers the large varieties of foreign onions over which some of our fellow-seedsmen use such big adjectives, simply because in our numerous tests of them, made every season, we find that most of them are very coarse and tend largely to run to scallions, while others that bottom pretty well evidently need to be planted as sets to attain to any great size. This season we find in a special strain of Large Flat White Italian a decided acquisition of *real practical value to the onion grower*. There is no coarse "six-pound" nonsense about it; but our customers will find it to be an extra large, extra early white onion, that bottoms down well and is nearly entirely free from scallions. It is as early as the Danvers, and we do not see why it may not replace the Portugal and all the early white sorts as an early onion for bunching. Like all the other large onions it is not as good a keeper as the average varieties, such as Danvers and Large Red. Its sphere is as a fall onion. For the purpose it is *decidedly an acquisition*. Every garden should have a bed. Price, per lb., postpaid, \$2.00; per $\frac{1}{4}$ lb., 58 cts.; per oz., 20 cts.; per pkg., 5 cts.

WHITE DUTCH EARLY ROUND HARD PICKLING.

Perchance many of our customers may have noticed at their country stores jars of small round pickled onions bearing the imprint of Crosse & Blackwell, London.

These were the White Dutch — the beau-ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. *It is the only one used in the immense pickle factories of England and France.*

This variety needs to be planted thickly, at the rate of 30 lbs. per acre, to produce the small pickling size. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 10 cts.

**SOUTHPORT WHITE GLOBE.**

As white and handsome as a newly-made snowball; sells at a higher price than other sorts. Too late to grow safely north of Connecticut. To get a very white onion, pull just as they begin to bottom, and dry in an airy and shady place. Price, per lb., postpaid, \$3.50; per oz., 35 cts.; per pkg., 10 cts.

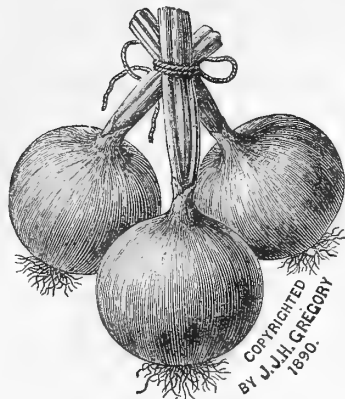
Dustin Kimball, Orland, Me., writes: "I planted a five-cent package of your onion seeds and raised from them over a barrel of very nice ones, which took the premium at our fair."

A. J. Trask, Waldoboro, Me., writes: "From two ounces of your early Round Yellow Danvers Onion I grew 35 bushels of fine bulbs."

SUPERIOR ONION SEED — Continued.

A New Onion.

SOUTHPORT EARLY RED GLOBE.



After spending thirty years in testing every new variety of onion, we thought we knew all of our American sorts to perfection, but two seasons ago we encountered a surprise, a globular red onion, in shape like the round Southport, but instead of being late, like that variety, *this proves to be as early as the Danvers or Early Red Globe*. Every onion raiser admires the Southport strains of onions, which always bring an extra price in the market, but the defect with them is they are too late to be relied upon to ripen north of Southern New England. Now here comes a

new variety which is so early that it can be planted with safety wherever the Danvers will mature. This new onion, which we catalogue as Southport Early Red Globe, differs from our standard Early Red Globe in being much rounder. Hardly as good a keeper as the Red Globe, it is excellent for fall and early Winter use.

Writes Mr. H. N. Wixson, Mason, Michigan: "Your Southport Early Red Globe Onion is the best red I have ever grown. I want more of it."

Mr. Little, of Newbury, an old onion raiser, is enthusiastic in its praise. He tells us that he never raised a red variety that would compare with it; it was a capital cropper, remarkably early, and bottomed first-rate, and made a very handsome onion.

Price, per lb., postpaid, \$3.00; oz., 30 cts.; pkg., 10 cts.

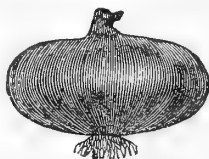


The Early Cracker

Is the earliest of all our yellow sorts, of superior quality, and, like the Early Flat Red, is an excellent kind to raise where the seasons are short. Price, per lb., postpaid, \$3.00; per oz., 30 cts.; per pkg., 10 cts.

LARGE RED.

This is the famous old stand-by, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, and has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. In the Northern markets they do not sell as readily as the Danvers. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 5 cts.



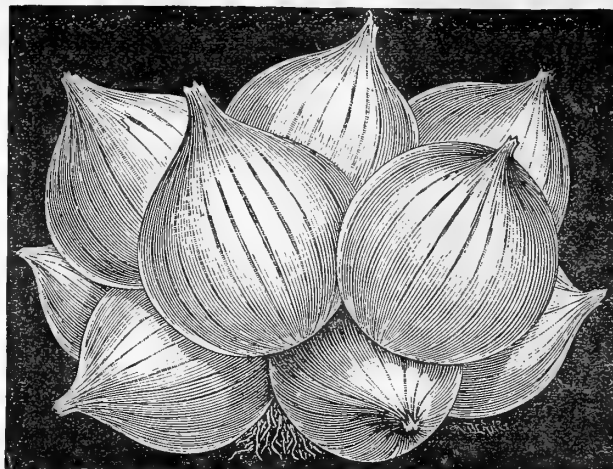
PRICES OF ONION SEED.

(See also page 46.)

We offer onion seed this year at the following rates:		Per lb.
Early Round Yellow Danvers (our own raising).....		\$2.92
Early Round Yellow Danvers (our own raising), 10 to 25 lbs.....		2.67
Extra Round Yellow Globe Danvers.....		3.42
Extra Round Yellow Globe Danvers, 10 to 25 lbs.....		3.17
Early Red Globe Danvers (all our own raising).....		2.92
Early Red Globe Danvers (all our own raising), 10 to 25 lbs.....		2.67
Early Yellow Cracker.....		2.92
Early Flat Red.....		2.92
Southport Late Red Globe.....		2.42
Southport White Globe.....		3.42
Southport Early Red Globe.....		2.92
Southport Early Red Globe, 10 to 25 lbs.....		2.67
Wethersfield Large Red.....		2.42

The above quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8 cents per pound for postage. No discount allowed on these rates.

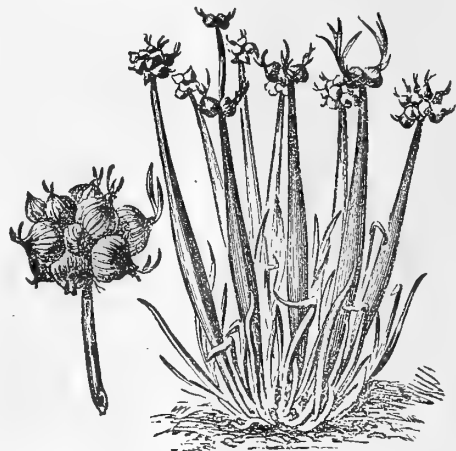
White Multiplier Onion Sets.



This new extra early and extra hardy onion is of pure silvery-white color, enormously productive, sometimes producing as many as twenty bulbs in a single cluster; of excellent quality and size for bunching green, or can be ripened for use as a pickling onion. Its keeping qualities are remarkable—having kept perfectly sound for a year. The largest of the sets if allowed to grow through the Summer make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year. For earliest Northern shipment from the South it is a profitable crop. Price, per peck, express at purchaser's expense, \$2.25; per qt., postpaid, 52 cts.

Egyptian, or Perennial Tree Onions.

When once set out, without the slightest Winter protection, it will come up year after year, as soon as frosts break ground, and grow so rapidly that it is ready for market or home use *two or three weeks before any of them*. The bulbs are not round, but irregular, just like those we get called "rare-ripes" by setting out old onions in the Spring, and are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, like tree onions. These should be planted in the fall. They will be sent out in August or September, as soon as ripened. Price, per qt., postpaid, 42 cts.; per express, 30 cts.; per pkg., 10 cts.; per peck, per express, \$1.25; per bush., per express, \$4.00.



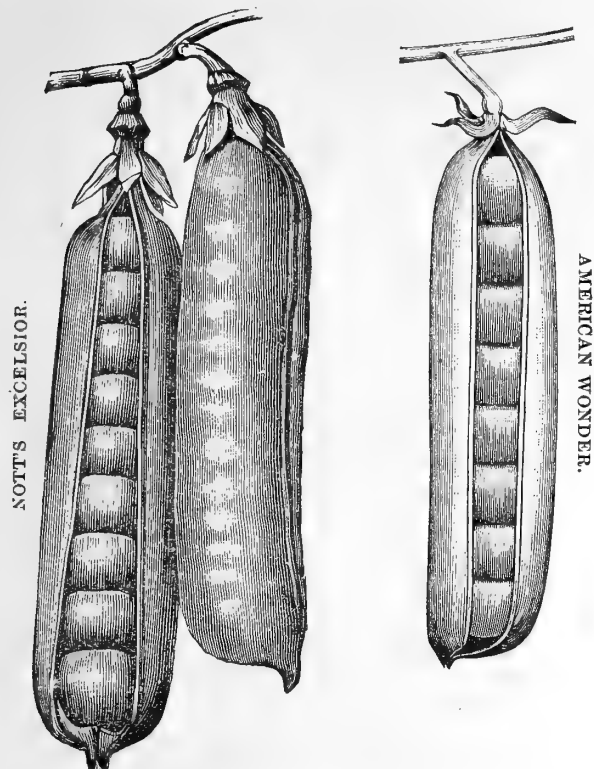
PRIZE TAKER.

This is one of the best of the huge foreign varieties, that will give more or less of large coarse onions, of more value to look at and draw the eye of the crowd at the annual fair than to be depended on for real, practical use, as they are almost uniformly soft, coarse, and poor keepers. Price, per oz., 40 cts.; per pkg., 10 cts.

Asa B. Jenkins, Wellsburg, N. Y., writes: "I find your Southport Early Red Globe Onion to be earlier and rounder than the Early Red Globe."

P E A S .

NOTT'S EXCELSIOR.



THE MOST VALUABLE OF ALL THE WRINKLED DWARF PEAS.

THIS HAS COME TO STAY!

As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. The cut represents just about the comparative size of the pods of American Wonder and the Excelsior. Were we to follow the fashion of the day we might make one as large again as the other, but there has been altogether too much humbug along this line; we propose to give facts only. It grows half taller than the American Wonder, and is a much heavier cropper. Our farmer friends should be sure to give this new pea a careful trial, for we feel sure that it has come to stay as the standard early wrinkled pea.

The *Rural New Yorker* says that while the Little Gem surpasses the American Wonder in productiveness, the Excelsior is "far more productive than the Little Gem;" that the pods are larger than those of Premium Gem, the Excelsior being "within a day or two as early as the first early smooth pea."

In a careful comparison made on our own grounds between the American Wonder and Excelsior, we found that under the same conditions the Excelsior yielded one-quarter more, in shelled peas one-fifth more, and in weight of peas one-third more.

William Monroe, of Beverly, Mass., one of the best of gardeners, writes: "Growing side by side at Gregory & Son's experimental grounds were Nott's Excelsior and American Wonder peas, and while the former were just as early as the latter, the Excelsior was far ahead in the size and number of pods. I ordered a supply for next year on the spot."

Mr. G. O. Buchanan writes: "I found these peas a very distinct, pure sort, with many marked excellences over American Wonder, Tom Thumb, Premium Gem, Advancer, etc. The peas were ready for table use within forty-three days from planting. Quality very superior."

An extensive market gardener writes: "They are certainly the earliest wrinkled pea I have ever raised, and I have tried nearly all the different kinds. They are a very distinct variety, early, hardy, productive, and of extra fine quality."

We believe that where sufficient stock can be obtained within five years the Excelsior will take the place now occupied by the American Wonder. Being every way a better pea, why should it not?

Price, per qt., postpaid, 95 cts.; per pkg., 10 cts.

THE DELICIOUS.

In quality the "Delicious" belongs at the head of the list. It requires thicker planting than most sorts, and should not be put in the ground as early as the hard peas by ten days. The true strain will always show a per cent. of a smaller variety in the blood of it.

Mr. P. A. Johnson, Tioga County, N. Y., writes: "As to sweetness and richness, they are far ahead of any pea I ever saw. If I could not get an additional supply, I would not take ten dollars a quart for them."

Writes Messrs. Northrup, Braslan & Co., seedsmen of Minneapolis: "It is of very robust habits, the peas of large size and of very superior flavor, and the pods well filled."

Writes W. H. Grenell, of Adams County, who raises thousands of bushels of many varieties for seed purposes: "I think this pea something extra; it is very sweet, and of fine flavor."

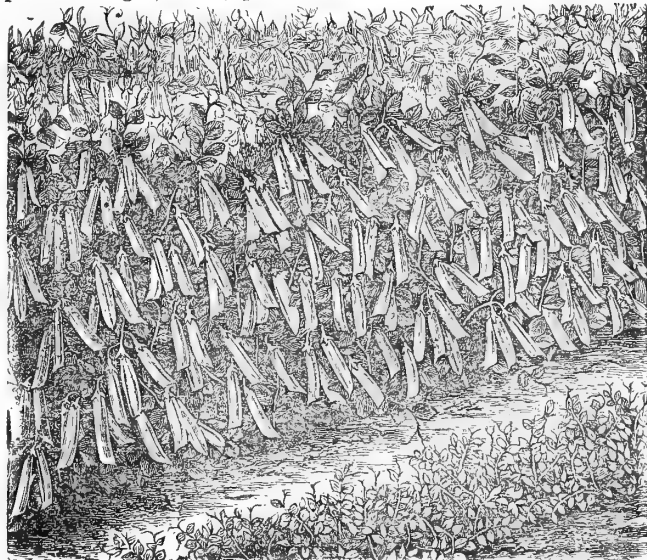
Price, per qt., by mail, 60 cts.; per pkg., 10 cts.

THE MARBLEHEAD EARLY MARROWFAT.

We will venture to say that every one of our customers who raised this Marrowfat pea last season had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they got more pickings from it than from any other. This was our own experience. Having raised it on a large scale we are ready to endorse the first six of the points made by the farmer from whose hand we received it. He writes:

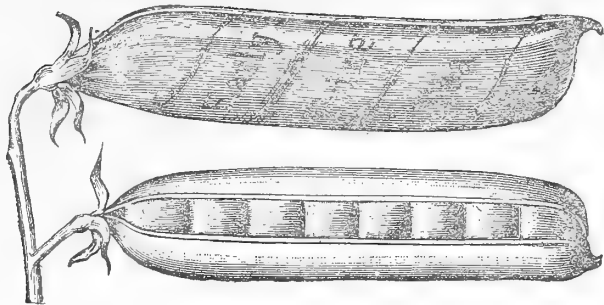
"1. With ordinary cultivation it will outyield any variety. 2. It will do better than any variety on thin land. 3. It remains a long time in bearing. 4. Its large well-filled pods make it very valuable as a market gardener's pea. 5. The quality is first-class; so all who have eaten it testify. Picked early, they are as sweet and delicious as Little Gem or American Wonder. 6. It is an extra strong grower. 7. It will stand drought better than any other variety."

The seventh point we have as yet had no opportunity to determine, but as the vines are remarkably vigorous the fact is probably as he states. The well-known editor of the *Rural New Yorker*, Mr. Carman, who is one of the most extensive experimenters with new varieties, makes the statement: "Pods large, often containing eight peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind." Pea growers will please note that while our old-fashioned Marrowfat has been among our latest peas, this new variety, in addition to its other excellent traits, follows close after the earliest sorts. Price, per peck, per express or freight, \$1.75; per qt., postpaid, 50 cts.; per pkg., 10 cts.



Alfalfa, or Lucerne.

The success turns on using American-grown seed, and planting it in deep, porous soil, and keeping clean of weeds the first season. A top-dressing, with fine manure, would help it through the first winter. Price, per lb., postpaid, 35 cts.; per pkg., 10 cts.

PEAS—Continued.**MR. REED'S NEW EARLY PRIZE.**

A cross between Tom Thumb and the Advancer. Grows eighteen inches high, being slightly taller than Premium Gem, and, while equally early, it is decidedly a better cropper than either that or Tom Thumb. Pod large, heavy and well filled; also equal to the wrinkled varieties in sweetness and flavor; it can be planted earlier than these without danger of rotting. Its combination of earliness, dwarf growth, yield and quality, with the large size and good filling of the pod ensures its future.

Writes Mr. O. H. Alexander, the well-known pea-grower, of Vermont: "Having tested Early Prize this season by the side of eighty varieties from all parts of the country, I consider it in all respects one of the best varieties in America."

Price, per bush., per express or freight, \$5.50; per peck, \$1.50; per qt., per express, 30 cts.; per qt., postpaid, 45 cts; per pkg., 10 cts.

AMERICAN WONDER.

This American pea is now so well known it hardly needs to be described. It is of excellent flavor, productive, and as early as the earliest of the wrinkled varieties. Fifteen pods have been counted on some vines, and nine large peas in some of the pods. The vine grows from six to twelve inches high, according to the soil and season. The rows need not be more than two feet apart. Price, per bush., \$6.00; per qt., postpaid, 50 cts.; per pkg., 10 cts.

BERGEN FLEETWING.

We have raised this new extra early variety on a large scale and are exceedingly pleased with it. The head picker says: "The Fleetwing yielded better than any of the early hard peas, including the Alaska and First of All." It is deservedly a great favorite with the market gardeners of Long Island. Pods and peas of good size; vines, two and a half feet.

A. G. Case, Simsbury, Conn., writes: "The Bergen Fleetwing peas yielded enormously."

TELEPHONE.

A tall, wrinkled marrow, of the best quality, a strong grower, and very productive. The pods are of the largest size, and contain from six to seven large peas. The rich, dark-green color of the pods makes this pea *sell well* in the market; hence it has become very popular with farmers and gardeners. This and the Stratagem, with its large pods, will grow more or less small ones; this is characteristic of the purest stock.

HANCOCK.

Many of our fellow-seedsmen send out an extra early pea bearing their own name; though, as has been shown at some of our experimental stations, there is no difference between the various kinds in earliness, yield, or any essential characteristic of a first-class early pea. Still, there is a good argument for this, for all very early peas tend to deteriorate, and those seedsmen sending out one bearing their own name are, therefore, compelled to look closely after it, and keep it true, by which the public are decidedly the gainers. Were we to "follow suit," we should select either the Hancock or Bergen Fleetwing as the extra early.

Messrs. Northrup, Braslan & Goodwin, the seedsmen, write us as follows: "We had in our trial grounds nearly forty samples of extra early varieties of peas, as supplied by the leading seed-houses of America and Europe. Among these the Hancock was noticeable as to earliness, size of pod, and productiveness."

WHITE PROLIFIC MARROW.

This new English variety is *not* of the Marrowfat class, but a wrinkled pea, as early as the Champion; vines two feet in height, bearing long, straight pods. A prodigious cropper. Price, per qt., postpaid, 50 cts.; per pkg., 10 cts.

McLEAN'S ADVANCER.

This old standard still remains a fine variety to follow after either of the early kind varieties, coming to market in season for the Fourth of July dinner, and bringing Fourth of July prices. Price, per qt., postpaid, 40 cts.; per pkg., 10 cts.

Dwarf Champion.

First class as a variety to follow the Advancer; very healthy and vigorous. This is another favorite with the market gardeners of Long Island, where it is sometimes sown August 1, as a second crop, being less liable to mildew than other sorts. Pods and peas large, quality very sweet and rich. Price, per qt., postpaid, 50 cts.; per pkg., 10 cents.

Bliss's Abundance.

A new wrinkled variety, about a week later than the American Wonder, bearing large well-filled pods, containing about seven peas each. Plant grows to from fifteen to twenty inches in height. Excellent quality and very productive; branching habit. Price, per qt., postpaid, 45 cts.; per pkg., 10 cts.

KING OF THE DWARFS.

We find that this variety grows a little taller than Little Gem, and that it is a day or two earlier. It is a very sweet, wrinkled pea, a vigorous grower, and great bearer. Pods of average size. Price, per qt., postpaid, 55 cts.; per pkg., 10 cts.

SHROPSHIRE HERO.

This valuable new second early wrinkled pea is of British origin. It is a robust grower, about 2½ feet high, and, while about as early as the Advancer, produces pods and peas which are much larger; of fine flavor. Price, per qt., postpaid, 55 cts.; per pkg., 10 cts.

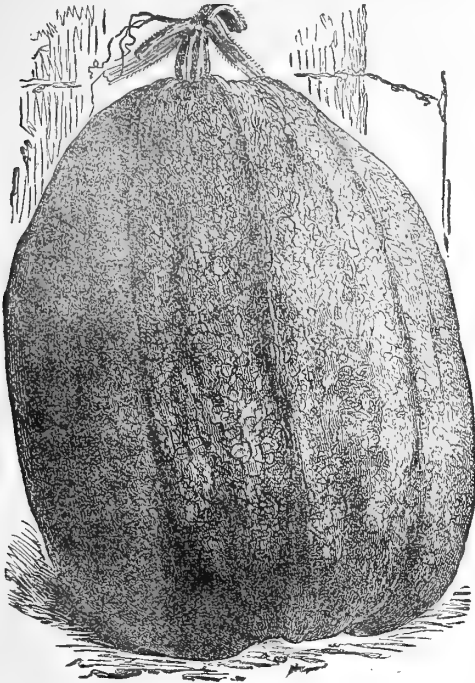
HOSFORD'S MARKET GARDEN.

Of this pea, in our note-book, made a few seasons ago on our experimental garden, in which we test all new things, comparing them with standard sorts, we find the following entry: "A tremendous cropper, excelling, with a single exception, every one of the forty-five varieties on trial; pods as long as Advancer, and as well filled. It grows nearly as tall as Advancer, but is a better cropper." At the Ohio experimental station, tested with twenty-eight of the leading varieties twenty-five plants of each kind were carefully harvested, the pods and peas counted, and the total product of each weighed. The result was, that the shelled peas of the Market Garden weighed nearly twice as much as the heaviest cropper of either of the other varieties, while the number of pods on the twenty-five plants were considerably more than double the average of the twenty-eight varieties with which it was tested. Grown by ourselves, on a large scale, we find that it leads, in bushels of green peas, any of the medium early sorts. The seed should be planted from three to five inches apart in the drill. Price, per bush., per express, \$5.00; per peck, \$1.50; per qt., postpaid, 45 cts.; per pkg., 10 cts.



PUMPKIN.

MICHIGAN MAMMOTH.



This crops abundantly for so large a variety, and grows as large round as a barrel, weighing, with us, from thirty to forty-five pounds. We have raised as high as twelve tons to the acre. We sometimes plant it among early dwarf peas, by omitting every fourth row, having the hills ten or twelve feet apart. In this way we get two crops from our land, being careful to manure liberally. It is a soft-shelled variety, and, therefore, excellent for feeding to stock. To get the largest size leave but one vine to each hill. Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 35 cts.; per oz., 20 cts.; per pkg., 10 cts.

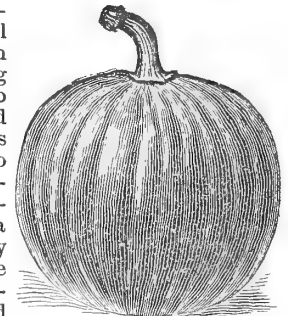
MAMMOTH RED ETAMPES.

This Mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. Price, per lb., postpaid, \$1.58; per oz., 15 cts.; per pkg., 5 cts.



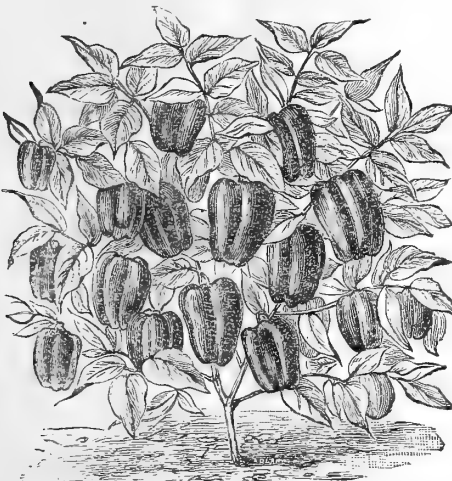
SUGAR.

This is the pumpkin for the traditional Yankee pumpkin-pie. All others are coarse and barbarous when compared with this; and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe; if fed to the cows it increases and greatly enriches the quality of the milk, imparting to it a rich yellow, while it is a good table delicacy, either simply boiled or when entering into the composition of the traditional pumpkin-pie. It is about as fine grained as the average squash, grows to average five pounds, and yields enormously, the grounds covered with the golden fruit being a sight not soon forgotten whenever seen. There is an increased call for them in our city markets, and they bring from half to two thirds as much as squashes are sold for. Price, per lb., postpaid, 75 cts.; per $\frac{1}{4}$ lb., 20 cts.; per oz., 10 cts.; per pkg., 5 cts.



PEPPER.

RUBY KING.



These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste. Very handsome and very productive. They need to be started in a hot-bed. Price, per oz., 35 cts.; per pkg., 10 cts.

BLACK NUBIAN.

This new pepper is both useful and ornamental. It is excellent for pickling at any stage of its growth, having a very sharp and pungent flavor. As a novelty it is very striking. The stalks of the plant are black, bearing deep-purple flowers, while the peppers, from the time they are first formed until full-sized, are always of the same intensely deep coal-black color, which, as they ripen, turns to a rich-maroon. Price, per pkg., 15 cts.

CORAL GEM.

Is the finest of the small-sized varieties. As grown in pots, for which it is most suitable, it is the prettiest thing out. Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a bouquet of corals; hence its name. It serves the housekeeper in a most convenient way when pods are wanted for seasoning, and is excellent for pepper-sauce. In the open ground the plants grow to a height of from twenty-four to thirty inches. We have counted two hundred and forty ripe at one time on a single plant. Price, per pkg., 15 cts.

CHILD'S CELESTIAL.

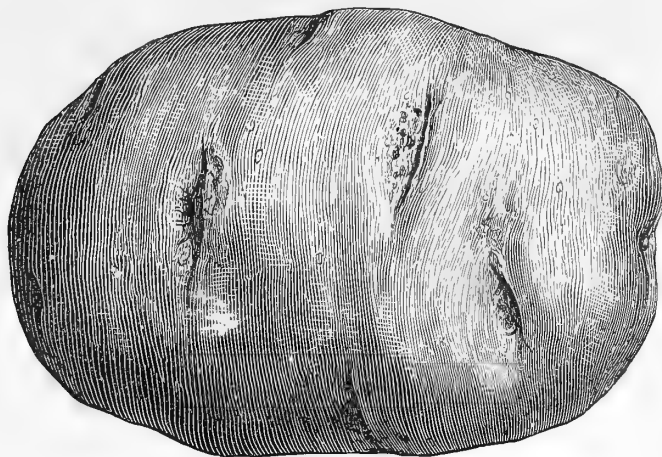
It is one of the most beautiful plants in existence. The peppers are of a delicate creamy-yellow color, and change to an intense-scarlet. Fruit two to three inches long, of clear, sharp flavor. We find it rather late for Central New England, unless started early. Price, per pkg., 10 cts.

Please Send Your Orders Early, which will be as well for you and better for us.

Please Note List of Discounts on page 2.

POTATOES.

EARLY SIX WEEKS.



The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier, makes rather taller stalks, and appears to yield better on upland than that fine variety. It is well described as growing medium to large size; oblong to round in shape; skin light-pink; flesh white; shape smooth; eyes near the surface; tubers grow close together in the hill. The potatoes grow so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use in six weeks from time of planting, and mature in between ten and eleven weeks. We find it a good yielder, and though not so extraordinarily productive as some claim, still a remarkably good cropper for so early a sort. It is asserted by some that it is remarkably exempt from rot. We do not find it exceptional in this respect. The Six Weeks will be found to be earlier than either Stray Beauty or Early Sunrise, which are classed among the very earliest potatoes. Here is what some parties say of them:—

"In six weeks from planting I have had them fit for table and as fine, solid, and mealy as ripe tubers. They are not troubled by the potato beetle." JOHN WISE Athens Co., Ohio.

"I think they are the earliest potato in cultivation to-day. When the vines were about six inches high I examined them and found potatoes as large as partridge eggs, and in six weeks from planting were as large as hens' eggs. Will mature in 72 days. The yield was 380 bushels per acre."

J. E. SHANKS, Athens Co., Ohio.

"You have got the best early and the earliest potato in existence. We had the Early Six Weeks Market Potato large enough for the table in six weeks from planting. They out-yielded all other varieties." AUGUST BROEGER (Gardener), Allegan Co., Mich.

"\$10 per bushel would not buy my Early Six Weeks Market Potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits."

JACOB E. STILSON, Onondaga Co., N. Y.

"Planted the Early Six Weeks Market Potato May 3. They grew fine, and we had new potatoes cooked June 20. They are the earliest we ever saw." DANIEL DONOVAN, Carroll Co., Tenn.

"I would give hundreds of dollars to control the growing of the Early Six Weeks Market Potato for this market, as they can be put on the market two weeks ahead of any other sort, which means hundreds of dollars' profit to a large grower."

W. HENRY MORRIS, Cuyahoga Co., Ohio.

"We know that this variety will produce potatoes fit for the table in six weeks from planting, and that they are solid and mealy when boiled, and that they will mature in 72 days from planting. We consider them the earliest potato in the world, and if justice is done they will be placed at the head of the list as the earliest, finest table variety, and the largest cropper of any early variety." J. W. SHANKS, E. B. SMITH, R. BLAIR, V. WASHBURN, ELIZABETH WASHBURN, all of Athens Co., Ohio.

We advise all our customers who raise potatoes for an early market by all means to plant more or less of the Six Weeks.

POLARIS.

This new Vermont seedling we can highly recommend for earliness and quality. They are rather oblong in shape, with surface a little flattened, having few eyes, and those on the surface. Grain fine and flavor excellent. Though white-skinned, it is a chance sport from the Early Rose, not a seedling from it.

Wellington Pierce, New Richmond, Wis., writes: "The Polaris Potato I had from you proves to be very early, a great cropper, very smooth, large size, without a sign of rot, and of excellent quality."

Writes Mr. A. H. Smith, of Waterbury:—

"The Polaris I planted by the side of State of Maine, Pearl of Savoy, and Beauty of Hebron. The Polaris was the earliest, yielded the best, and surpassed all in quality."

Mr. J. W. Baker, of Bureau Co., Ill., writes:—

"I had many good potatoes that did well with me last season, such as Standard, Thorburn, Ohio, Early Pearl, White Prize, and Everett, and some fine seedlings of my own and others, but rank the Polaris as superior to them all."

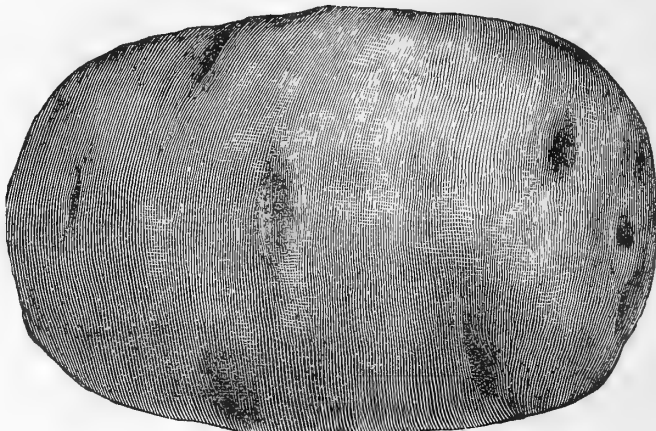
The following is what conservative men say of the Polaris. Mr. Samuel Johnson, of the Michigan Agricultural College:—

"The Polaris were smooth, good shape, and fair size, and ripened earlier than most of the early varieties."

Says Mr. A. W. Cheever, editor of *New England Farmer*:—

"We are always cautious about recommending new things; but this looks thus far like a potato that will take the place of older varieties."

THE DELAWARE. A Valuable New Potato.



The professors in two of the agricultural colleges agree in recommending the Delaware as one of the few varieties of potatoes which will adapt itself to any kind of soil.

Our customers had all better try this excellent potato, for we are sure they will like it.

The average form is shown in the engraving; it is medium early; in size it is large, being above the average; the skin and flesh are white; in yield it is a remarkable cropper, while in quality it is first-rate, being dry and mealy.

Writes Mr. H. O. McFadden, of Pittsburg: "Among the eight hundred varieties I tested last season (1889), I must say your Delaware was a wonder. From only two ounces of seed I got sixty-one and one-half pounds of marketable potatoes. I would recommend everybody who wants a choice potato to send for the Delaware."

J. W. Clemons, Kingston, Mass., writes: "I was much pleased with your Delaware potatoes; they were as fine a potato as any I have raised. From one peck I raised eight bushels."

Writes P. Cadeau, of Washington Territory: "The one pound of Delaware potatoes were not planted in the best soil, but they yielded one hundred and twenty pounds, all very nice and large."

J. R. Jester, Brown's Canon, Col., writes: "From three pounds of your Delaware potatoes I got four hundred and seventy-five pounds of very large and smooth potatoes."

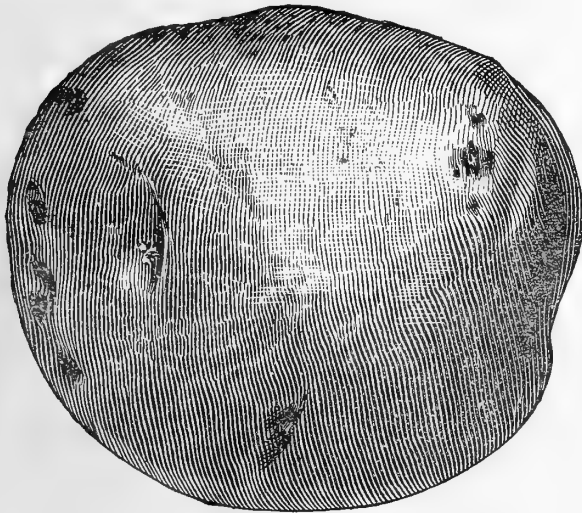
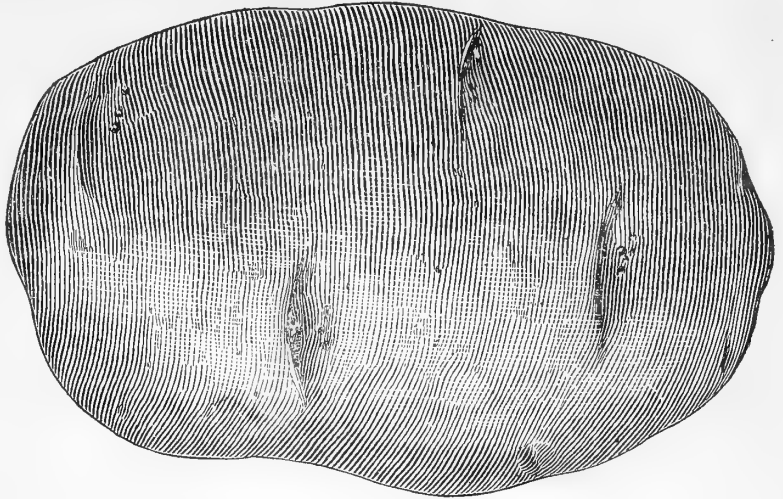
Writes F. M. Hexamer, of the *American Agriculturist*, who tested them in the Spring: "I have found them very fine grained, and of a pure delicate flavor rarely found in old potatoes."

Says Mr. Thomas Sawyer, an old farmer of Boxford, Mass.: "In all my life I never ate in the Spring such nice potatoes as the Delaware."

A NEW POTATO, WOODBURY'S WHITE.

Maine, that away-down-east State, from time immemorial has been the home of some of our best new potatoes,—the cool climate and virgin soil supplying the conditions which exist in the elevated plateaus among the mountains of Peru, its native home. We came before our customers two seasons ago with another new variety which originated in Maine, the Woodbury White. This is, as its name would indicate, a white-skinned, and also a white-fleshed sort, half oblong in shape, as shown by the engraving. It has but few eyes, and they shallow ones. Medium early, mealy, and well-flavored; size large, with exceptionally few small ones. A great cropper. It was those two characteristics,—the average large size of the potatoes and the greatness of the crop,—that drew our attention to it in a field of over fifty varieties. Mr. Woodbury writes that with him it yielded three hundred and fifty bushels to the acre, and gave the best satisfaction of any when tested beside fifty varieties. Mr. Frank A. Farrar writes, that after testing it with twenty-five kinds he chose it for his field potato, and, after two years' trial, it fully meets all his expectations, in both yield and quality.

J. O. Weld, Minneapolis, Minn., writes: "From one peck of your Woodbury's White Potato I raised twenty-five and one-half bushels."



HOWE'S PREMIUM.

EARLY OXFORD.

This potato is considered by some experimenters the best cropper of all the numerous seedlings of the Early Rose. It is medium early, resembles Early Rose in shape, but is of a lighter color. The tubers smooth in shape, with the eyes not sunken. The Experimental Station of the Michigan Agricultural College reports on it:—

"Tubers all marketable, smooth, and of good shape and quality. A promising early variety."

If our customers would like to get their Early Rose rejuvenated and a little improved upon in all the traits that go to make up a first-rate market potato, we would advise them to try the Early Oxford. Writes Mr. Albert Colby, of Fryeburg, Maine:—

"I concluded that the Early Rose was the best of all, and raised that kind exclusively for the past six years; but last year E. W. Burbank exchanged with me a peck of his Early Oxford Potato to plant beside my favorite Early Rose, and I had to give up that the Early Oxford yielded one-half more potatoes, and of a sounder and better quality."

EARLY OHIO.

The Early Ohio has been generally accepted throughout the Western States as the standard early potato. In color like its parent; in shape it is round-oblong. Quality, dry and mealy. It is a week earlier than Early Rose. We were the original introducers and namers of this fine potato. It requires a rich, moist soil to develop its cropping qualities, therefore don't plant on dry upland.

HOWE'S PREMIUM.

We are able to offer to our customers this season this fine potato by the quantity. The vines die down earlier than any potato we are acquainted with that will grow potatoes of market size. On land heavily manured we raised in 1890 four hundred and thirty bushels to a measured acre, with but very few small ones, and hardly a rotten one on the entire piece. Our customers will find it remarkably free from rot. Among the score of varieties we raised last season this one rotted the least of all,—most of the field being entirely free from it. Mr. Whitney, of South Bridgton, Me., gives the right character to the Howe's Premium in his letter to us, wherein he states that "there were hardly any too small for the table, and no sign of rot." The skin is nearly flesh-color; the eye a rich-pink; shape nearly round; flesh white; quality good for early but not good to be used as a late potato. In size and shape nearly the entire crop, under good cultivation, is marketable. Vines are short and stout, with broad, thick leaves. After testing hundreds of new varieties we find this and the Six Weeks decidedly the most profitable varieties to raise for the early market.

"I place this grand new potato at the head of my list; in doing so I will quote what James J. H. Gregory & Son, the reliable seedsmen, of Marblehead, Mass., say about it: 'Among the sixty-four varieties planted in our experimental plot in 1890, this was the most distinct early variety. The short, stout vines and the broad, stout leaves attracted the attention of every visitor. The crop was an excellent one, of large, handsome potatoes, having a pink skin, nearly round in form, and the earliest marketable lot in the plot.'

"I will say myself, out of about forty varieties I raised this year they beat the lot. I have planted them this year and have never seen a decayed potato yet in the field or cellar. They are nearly all of marketable size. This year there were only five bushels of small ones to the hundred. The tops are so tough the potato beetle will not trouble them as long as there are other kinds in the field for them to eat. Their eating qualities are unequalled. They are the greatest yielders of any early potato I know of. They have yielded three hundred and twenty bushels of marketable potatoes to the acre, with the average treatment and culture. It received special premium at the Valley Fair last year."

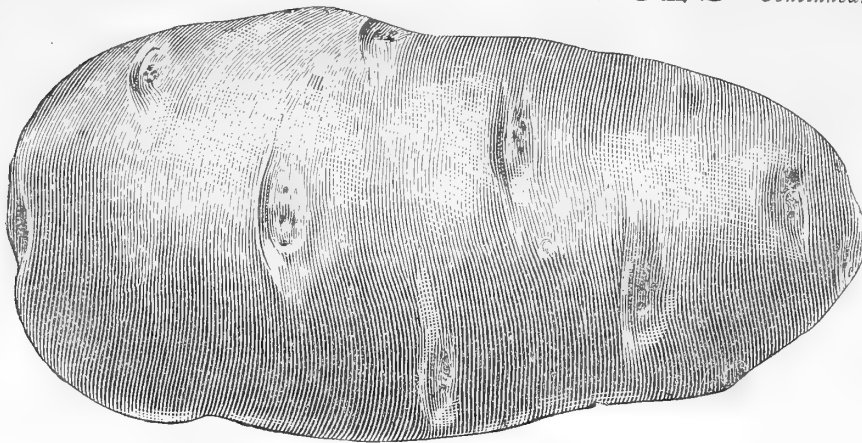
C. H. L. SPAULDING, Westminster, Vt.

CLARK'S No. 1.

Earlier than the Early Rose, and will yield from a quarter to a third more crop. It bears a close resemblance to Early Rose in appearance. It cooks mealy, is of excellent flavor, and is every way a capital variety for either the farmer or market gardener. Four hundred and fifty bushels have been raised on an acre; those who try the Clark are dropping the Early Rose. Very popular with farmers.

Chas. J. Thompson, Wadley's Falls, N. H., writes: "From one bushel of Clark's No. 1, I raised 126 bushels."

August Beyer, South Bend, Ind., writes: "I raised 118 bushels of Clark's No. 1 from one bushel of seed."

POTATOES—Continued.**NEW QUEEN.**

This is a seedling raised from a seed-ball from the Beauty of Hebron, in Washington Co., Maine. We have raised it on somewhat a large scale on our farms, and are very much pleased with it. We find it very early, a capital cropper, yielding fine large tubers, so handsome that half of them without culling would be good enough to exhibit at any agricultural fair. Under high cultivation there are almost no small ones. In quality it is most excellent, the flesh being a pure-white and of that sparkling mealy texture that we all like so well in a potato when brought on the table. In shape and color it very closely resembles its parent, the Beauty of Hebron.

Matthew Donaldson, Sault St. Marie, Mich., writes: "From one peck of your New Queen Potatoes I raised eleven bush."

Writes Dr. J. K. Shirk, of Lancaster Co., Pa.: "The potato is a beauty as it comes out of the earth, there are so many very large ones, and almost no small ones."
Writes Mr. C. G. Britton, of Cheshire Co., N. H.: "They are of the finest quality, and very early."
Writes J. R. Rust, of Maury Co. Tenn.: "Quality superior to any."
Writes L. E. Tuttle, of Maine: "They gave me a wonderful crop of the smoothest, handsomest potatoes I ever raised."
To put the whole matter in a single sentence, the *New Queen* is a very early potato, a good cropper of large tubers that are remarkably and exceptionally handsome and of a quality that is unsurpassed.

FILLBASKET.

This new potato takes the front rank in productiveness, vigor of growth and eating qualities, only yielding the lead to other varieties in earliness. Yet it is earlier than its appearance would indicate, the tubers being of excellent quality, — dry, fine grained and mealy, — while the tops are still rank and green. Oblong in form, somewhat flattened, white-skinned, usually fair and smooth, it is admirably adapted for an "all-round" main-crop potato, either for home use or market. It excels other varieties in the uniformly large size of the potatoes, there being almost none below market size. After they were all dug and laid side by side we asked our men to select the two best varieties from among thirty-five. They all selected Fillbasket as one of the two, being attracted by its yield, good size, and freedom from small ones.

MONROE COUNTY PRIZE.

One of the most lustrous and vigorous of potatoes. When, from dry weather, other kinds yield only small tubers, this will yield large ones.

Extra large in size; oblong in shape; skin white, with a rusty look which generally is found with potatoes of good quality; flesh white, and quality dry and excellent; medium early; a great cropper. In the season of 1890 this was the favorite potato with a marketman who had twenty varieties in the field to select from, for his customers, having once bought it, were always inquiring for it.

BURBANK'S.

This medium early white, one of the potatoes which we are rather proud of having named and introduced in 1876, has acquired a national reputation. Long, smooth, handsome, and a great cropper.

EARLY MAINE.

This potato originated from a seed-ball of the Early Rose, and in general appearance resembles its parent. On our own ground, raised on a large scale, on land that did not suffer from the drought, the yield was four hundred and ten bushels to the acre.

Mr. Williams says: —

"They are earlier than the Early Rose, and are far superior in productiveness and quality to any other potato raised in this section (Maine), and have the good characteristic of growing smooth-skinned; in fine, have all the good qualities of a staple potato."

Writes Mr. Willard Parker, of Bridgton, Me.: —

"The Early Maine beats anything we have here; two-thirds of them will crack open when boiling."

EARLY PURITAN.

This is a first-class early potato. In quality dry, mealy, and of excellent flavor. It is white-skinned and oblong-round in shape. It proves with us to be a very heavy cropper, rather excelling the Polaris, growing side by side, but it has a larger proportion of small potatoes than that fine variety, though the average of the crop is of fine market size. It has rotted less than the average. Closely resembles the Polaris in both vine and form and color of tubers.

Vegetable Seed enough for a family garden for \$1.00. See page 2.

PRICE-LIST OF POTATOES. No discount. (Per Express or Freight at Purchaser's Expense.)

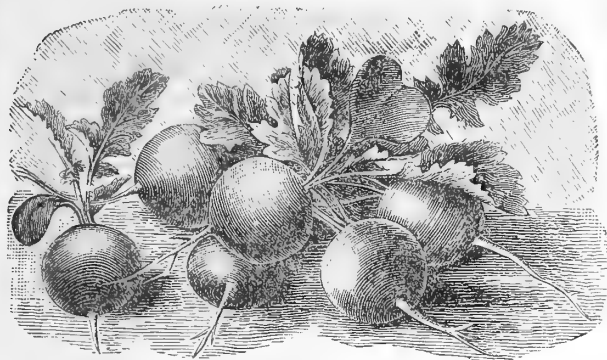
The first seven varieties in the list that follows we had specially raised for our customers in that county famous for good potatoes, Aroostook, Maine. We supply in every instance the seed stock. We would advise our customers at the South to order potatoes in the fall, as there is more or less danger of their being injured by frost if forwarded between Dec. 1 and March 20. While, therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser.

	bb. exp.	bush. exp.	peck exp.	1 lb. mail.	3 lbs. mail.		bb. exp.	bush. exp.	peck exp.	1 lb. mail.	3 lbs. mail.
Beauty of Elberon. (New) See p. 7	6.00	3.00	1.00	.40	1.00	Bill Nye. (New) See page 7...	5.00	2.50	.90	.35	.90
Early Six Weeks. (New).....	5.00	2.50	.90	.35	.90	Fillbasket	6.00	3.00	1.00	.40	1.00
Polaris.....	4.00	2.00	.80	.30	.75	Woodbury	4.50	2.25	.75	.30	.75
Early Maine.....	4.00	2.00	.80	.30	.75	Monroe Co. Prize.....	4.00	2.00	.75	.30	.75
Howe's Premium.....	4.00	2.00	.80	.30	.75	Puritan	4.00	2.00	.75	.30	.75
Early Ohio	4.00	2.00	.80	.30	.75	Early Oxford	4.00	2.00	.75	.30	.75
Clark's No. 1	4.00	2.00	.80	.30	.75	Beauty of Hebron	3.75	1.90	.70	.30	.75
Delaware	4.00	2.00	.80	.30	.75	Early Rose	3.75	1.90	.70	.30	.75
New Queen.....	4.00	2.00	.80	.30	.75	Burbank's	3.75	1.90	.70	.30	.75

Potato Seeds saved from the seed balls of a nice white potato fertilized by many others. Price, per package, 25 cents.

RADISH.

NE PLUS ULTRA.



This new German variety is pronounced to be the earliest of all radishes for forcing, being fit for the table in three weeks. Roots round and bright-scarlet; flesh, tender and delicate; produces but few small leaves. Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 80 cts.; per oz., 15 cts.; per pkg., 10 cts.

GIANT WHITE STUTTGART.

This new variety is very early and quick of growth. Flesh and skin pure-white. It will stand the severe heat of the South, and grows to an immense size. Price, per lb., postpaid, 70 cts.; per oz., 10 cts.; per pkg., 5 cts.

GOLDEN YELLOW SUMMER.

Its shape is that of the Yellow Summer Turnip Radish; but the root is more spherical, its neck is finer, and the leaves are smaller. It is fit for use from four to six weeks after sowing. A novelty of great merit. Price, per lb., postpaid, 68 cts.; per pkg., 5 cts.

DEEP BLOOD RED.

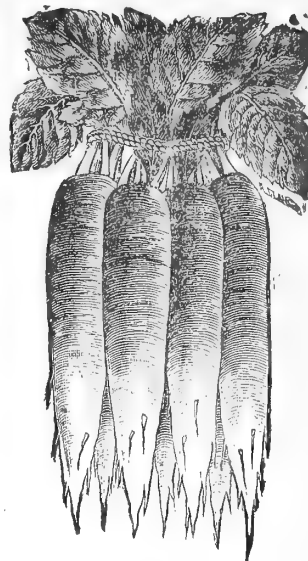
This is a new variety from Germany, a distinct sort. It is early, of a deep blood red color, oblong turnip shaped, and of fine quality. Price, per lb., postpaid, 80 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

"MAMMOTH SANDWICH ISLAND" SALSIFY.

The roots of this new variety are large, white, smooth, and of fine quality. It grows to twice the size of the common variety, which makes it almost invaluable to the market gardener. Price, per lb., postpaid, \$1.40; per $\frac{1}{4}$ lb., 48 cts.; per oz., 25 cts.; per pkg., 10 cts.

BECKERT'S CHARTIER.

This new radish has rapidly grown into high favor for Spring and Summer use. It is very handsome, about one-third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden, and having the general characteristics of a good early radish. It is of a quick growth, good size, very tender, of excellent quality, while it remains in condition for eating longer than most sorts. We have before us nearly a hundred recommendations, whose general trend is so emphatically in its favor that we are persuaded our market-garden customers can run no risk in planting it largely. Price, per lb., postpaid, 70 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

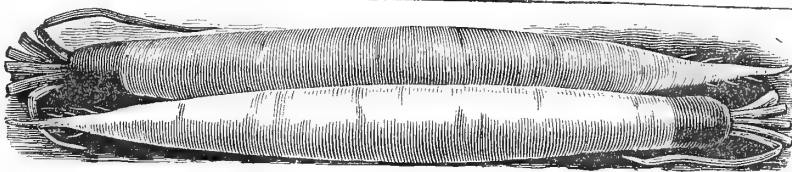


EARLY WHITE SHORT LEAVED.

The best of the white turnip radishes. Superior to the variety known as the "Philadelphia Box." Early, and elegantly symmetrical. Top remarkably short. A first-class sort for forcing as well as for growing out of doors. Price, per lb., postpaid, 90 cts.; per $\frac{1}{4}$ lb., 28 cts.; per oz., 12 cts.; per pkg., 5 cts.

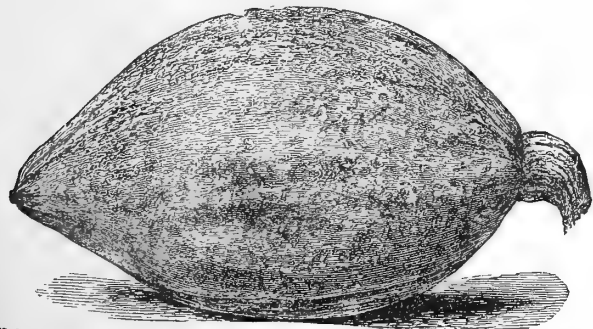
JAPAN CLOVER (*Lespedeza Striata*).

This new clover has proved to be wonderfully adapted as a grazing and hay plant for every portion of the South as far north as latitude 31°. It rapidly takes possession of the region when once planted, seizing with equal facility and covering with its dense verdure soilless hill-tops, sandy plains, gravelly slopes, pine thickets, open woods, and all soil either dry or damp. No matter however closely it is grazed, the Japan Clover sprouts vigorously anew. Price, per lb., postpaid, 35 cts.; per pkg., 10 cts.



SQUASH.

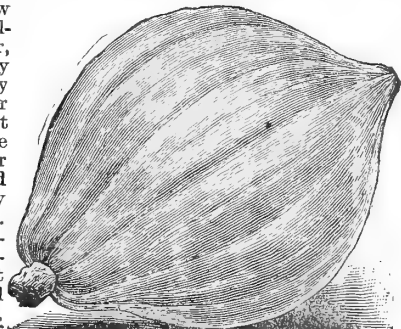
MARBLEHEAD.



This squash, as a rule, is characterized by a shell of a more flinty hardness than the Hubbard. It is usually thicker and flatter at the top. The flesh is of rather a lighter color than the Hubbard, while its combination (in good specimens) of sweetness, dryness, and delicious flavor is something really remarkable. Its outer color is a light-blue. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

DUNLAP'S EARLY PROLIFIC MARROW.

This new Marrow squash is certainly a valuable acquisition; for, while it is remarkably productive, no variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow, and for this reason can be planted a week later than any other variety of marrow. Its color is most attractive, a brilliant orange-red. Quality excellent when mature. A good keeper. Mr. E. L. Coy, who grows hundreds of

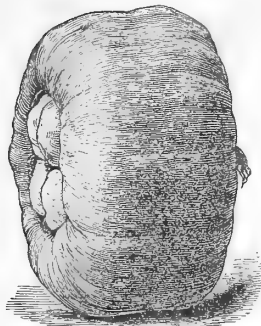


acres of squash, pronounces it "the earliest and finest fall variety." Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

When ordering please write "peck" in full and "pkg." for package.

SQUASH — Continued.

THE AMERICAN TURBAN.



This fine squash is as good for fall as the Hubbard is for Winter; in proof of which please see extracts in former catalogues from letters received.

It will rank with the dryest, the sweetest, the finest-grained, and richest-flavored of the fall squashes.

Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

Notice our new Fertilizers

on page 67.

THE BUTMAN.

This squash, of which we were the original introducers, made by crossing the Yokohama with the Hubbard, is the only one of our running varieties known to have originated in the United States. It was made by scientifically crossing the Hubbard with the Yokohama. Externally, it is of a bright grass-green color, intermixed with white. In size and productiveness it resembles the Hubbard; it has a thick shell, and is thick-meated. The flesh is of a lemon color. It is exceptionally fine-grained, and it is remarkably dry, sweet, and delicious, with a flavor different from the Hubbard, Marblehead, or Turban. It is a little later than the Hubbard and does not crop as well. It should bring a higher price in the market. In season from late fall until Spring. In the essay which received the premium of the Massachusetts Horticultural Society, the Butman for quality is put at the head of all varieties of Winter squashes. Price, per lb., postpaid, 80 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 10 cts.; per pkg., 5 cts.

NEW SQUASH — ILLINOIS BEAUTY.

An Autumn, half-running variety, in season from September to December; average size twelve to fourteen inches long, and four to five inches in diameter. Meat very thick, having almost no seed cavity; remarkably distinct and showy in appearance, one or both ends being of deep-green color, while the centre band is or is of, deep-orange, slightly ribbed. Of excellent quality, dry, fine-grained, and sweet; very prolific, and a strong grower. When cooked, the squash may be said to peel itself, the skin rolls off so readily. A good squash for use in the family. Price, per pkg., 15 cts.

COCOANUT.

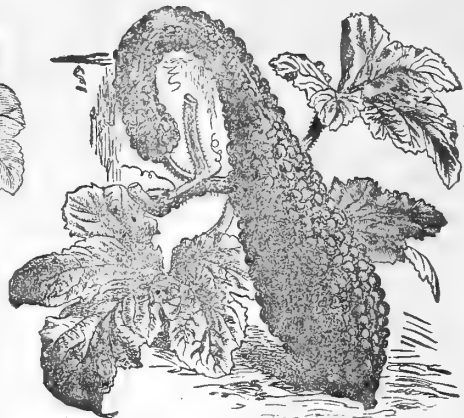


A magnificent little squash for family use; very prolific, yielding from six to a dozen to the vine. The color is an admixture of cream and orange; while the bottom, over a circle of two or three inches in diameter, is of a rich grass-green. The flesh is fine-grained, sweet, and very solid (the squash being remarkably heavy for its size), and the quality excellent, closely resembling Canada Crookneck in flavor, but in every way much superior. There is one capital fact true of it, which is well worthy the attention of all who have trouble in raising squashes, viz., that the Cocoanut will give a crop when all the standard sorts fail. Price, per lb., postpaid, 83 cts.; per $\frac{1}{4}$ lb., 25 cts.; per oz., 10 cts.; per pkg., 5 cts.

THE STRICKLER SUMMER.



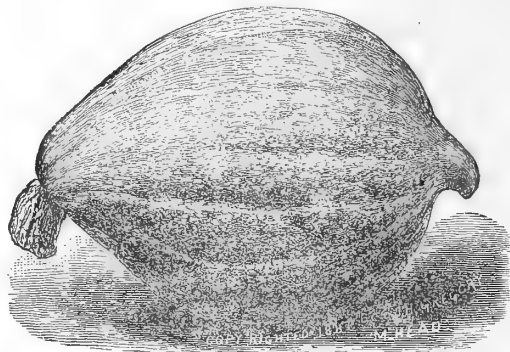
This new variety of Summer Crookneck we find grows twice as large as the common sort, averaging from five to six pounds in weight. It will be likely, eventually, to drive the common sort out of the market. The two engravings show the comparative size of the Strickler and the common Summer Crookneck. We noted in our crop occasionally a sporting back toward the common variety, which shows that Mr. Strickler has not yet quite completely succeeded in fully fixing his type; but the sports were so few they were of minor consequence. Price, per oz., 15 cts.; per pkg., 10 cts.



ITALIAN GREEN-STRIPED.

This is the early squash of Italy, called the "Coucouzelle." It is a bush variety, very early, long, striped with dark-green and golden-yellow, presenting a unique appearance. Larger and heavier than any other bush squash. Used in France as a substitute for egg-plant. Price, per oz., 30 cts.; per pkg., 10 cts.

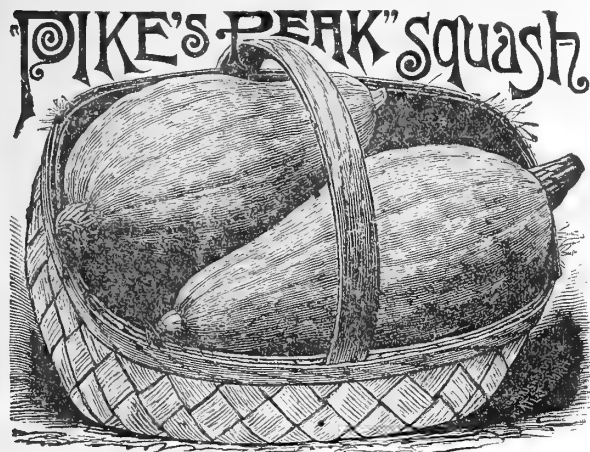
The White Chestnut.



Good specimens are as fine-grained and as dry as a boiled chestnut, of as good quality for the table, in every respect, as the Hubbard, while it has a distinct individuality of its own. We have named it the "White Chestnut," — white, because the color is nearer to white than any other of the hard-shell squashes; chestnut, because the color of the flesh, and also the quality of it, is very suggestive of a chestnut. The White Chestnut is a hard-shelled squash, of just about the size of the Hubbard as it was when we first introduced it; and it is just about such a cropper as was the original Hubbard. The form is much like the Hubbard. The color of the outside is much lighter than the Marblehead, while the inside is of a lemon-yellow. From John B. Clarke, Esq., editor of the *Mirror and Farmer*, Manchester, N. H.: "Its name is a good one, and its quality and flavor are worthy of the name. My family all praised it, and I think it the best squash I ever tasted." Price, per lb., postpaid, \$1.25; per $\frac{1}{4}$ lb., 38 cts.; per oz., 15 cts.; per pkg., 5 cts.

SQUASH—Continued.

SIBLEY, OR PIKE'S PEAK.



The above engraving gives the peculiar form; color, pale-green; skin, when ripe, thick; flesh, thick and of a rich-orange; average weight, six pounds. Raising these by the acre, we find the Pike's Peak, under good manuring, to average about six pounds; that it is a better cropper than the Hubbard in the number of squashes, but not equal to it in weight of the crop. It is a little later than the Hubbard. Quality magnificent, dry, fine-grained, sweet, and of a most delicious flavor. Good for late fall and Winter use. There have been so many new squashes that "beat the Hubbard," but only on paper, we were inclined to regard this new competitor as one more of the same class; but, after having now tested its quality, we must frankly say that, in this respect, our old favorite, the one with which we began our business, has at last really met with a competitor.

By all means plant at least a few hills of this new squash. Feed it well; get it in early, and you will have a surprise in store. Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 30 cts.; per oz., 15 cts.; per pkg., 5 cts.

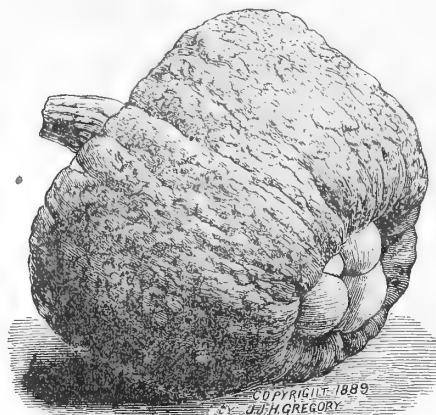
FORDHOOK.

This is one of the hard-stemmed varieties of squash, which allies it to the Crookneck family, and it has the peculiar flavor of the Crookneck class, as distinguished from the fleshy stemmed squashes, of which the Hubbard, Marrow, and Pike's Peak are types. It is too small for the general market, but is an excellent squash for family use for those who like the Crookneck flavor. It is closely allied to the Para and Illinois Beauty squashes. Being of the hard-stemmed class, it is not so liable to attack from the borer. Price, per oz., 20 cts.; per pkg., 5 cts.

LOW'S BAY STATE.

This variety, with heavy manuring, is a very good yielder, though in size it averages a little below the Essex Hybrid. Popular in Boston market. The color is dark-green; it has a thick shell, and is thick-meated. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

THE WARREN.



Four years ago a vine appeared in a field of Essex Hybrid squashes raised by a neighbor, bearing three squashes, which were distinct from the rest in that they had rough, warty, and thicker shells, and were of a richer color. The seeds from the three squashes were planted by themselves, with the object of permanently fixing the new type. Not only is the shell generally harder and thicker than the Essex Hybrid, but the color is richer and deeper, and the quality decidedly better. They command a better price than the Essex Hybrid. Every farmer and gardener who raises the Hybrid will find it for his interest to substitute for it this new and improved variety. Price, per lb., postpaid, \$1.25; per $\frac{1}{4}$ lb., 38 cts.; per oz., 15 cts.; per pkg., 10 cts.

MAMMOTH CHILI.

The Mammoth squashes, though of but little value for table use, on rich land, in those sections where roots are but little cultivated, are very profitable as food for cattle. If you wish to grow a "big" squash, try this.

F. W. Arnold, Hammond, Minn., writes: "I raised Mammoth Chili squashes from your seeds last season weighing one hundred and fifty-six and one hundred and twenty-six pounds."

Of the Mammoth Squash, Mr. James B. Pickering, of New Hampshire, raised one which weighed one hundred and ninety-two pounds. Price, per lb., postpaid, \$1.50; per oz., 20 cts.; per pkg., 10 cts.

ESSEX HYBRID.

This is a cross between the Turban and the Hubbard, having the shape of the former and the shell of the latter. It is a very handsome-looking squash, and the flesh is of rather darker average color than that of either the Hubbard or Turban. It comes very uniform in shape, and is a heavy cropper. The type now appears to be fixed sufficiently to give nearly all the crop a hard shell, which protects it from injury. Price, per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

For novelties in Flowers see pages 8 and 9.

TOMATO.

AMERICUS HYBRID.

This is a cross between Canada Victor and Acme. It resembles that fine old sort, the Trophy, in shape and size. From the Victor it derives its earliness, and from the Acme its smoothness and productiveness. It ripens without any green about the stem, is of a deep purplish-red, rich in flavor, and ripens evenly without cracking. It keeps well after picking, and is a good shipper. It is a variety that marketmen will love to handle. Price, per pkg., 10 cts.

POTATO LEAF.

This is one of Mr. Livingston's seedlings, the leaves, as the name indicates, closely resembling those of the potato. The vines are very vigorous, the foliage stout. The fruit is smoother than that of Mikado, another potato-leaved sort; grows to good size and is very solid. It is purple-colored, second early, and a great cropper; quality excellent. Price, per oz., 25 cts.; per pkg., 5 cts.

PRELUDE.

A new tomato, made by scientifically crossing the Little Gem and Acme. We find this to be a nearly round and remarkably prolific variety. It ripens among the earliest, is of a bright-red color, and exceptionally free from rot. The one objection to it for market purposes is its size. For forcing under glass, or for raising in the South to be shipped North, we should think it an excellent sort. Price, per oz., 25 cts.; per pkg., 5 cts.

PEACH.

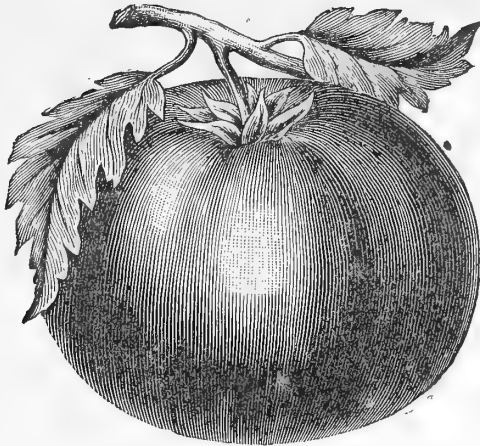
The looks of the tomato will sell it, for never did one fruit look so much like another as this does like a peach in form, size, and color. Rather soft for marketing. Price, per pkg., 5 cts.

IMPROVED GROUND CHERRY.

Our experimental grounds certify to the claims of this new-comer to be an improvement on the old variety in size. It excels in size of both vine and fruit. Price, per pkg., 10 cts.

TOMATO—Continued.

LIVINGSTON'S BEAUTY.



Mr. Livingston, who was the originator of the Paragon, Acme, Perfection, and Favorite tomatoes, comes before the public with a variety which he calls the "Beauty." This he claims to be "a better tomato than he ever before sent out," in its well-balanced combination of size, shape, weight, and beauty. It is as early as the Acme or Perfection, of a very glowing crimson in color, with a slight tinge of purple. It retains its size later in the season than Acme and other good sorts. It has yielded one-third more than Acme. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot.

This is what Mr. Livingston says about his new tomato: "I can recommend it to my customers as in every way first-rate." Price, per oz., 20 cts.; per pkg., 5 cts.

LORILLARD.

Says Mr. John Thorpe, the well-known gardener:—

"The Lorillard is, unquestionably, the finest of all tomatoes for forcing. I recommend it only for forcing, for which it has four excellent points: fine flavor and solid fruit, beautiful vermilion color, and splendid shipping constitution; its compact, erect growth; it sets its fruit freer in mid-Winter than most kinds do in July and August."

Price, per oz., postpaid, 30 cts.; per pkg., 10 cts.

DWARF CHAMPION.

We have here a very distinct variety, suggesting a tree tomato, yet in yield greatly superior to them. The originator speaks of it as follows, and the results in our experimental grounds for the most part substantiate his statements, especially in the soundness, handsome appearance, and exceptionally brilliant color of the fruit, which was the finest of all our varieties:—

"The plant grows stiff and upright, with very thick and short-jointed stems. It can be planted as close as three feet. The foliage is a very dark-green in color, thick and corrugated, differing in form from that of other sorts. The Dwarf Champion will bear very heavy manuring, the strength increasing the abundance and size of fruit, instead of producing superabundant vines. To crop heavily it should be liberally manured."

Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 5 cts.

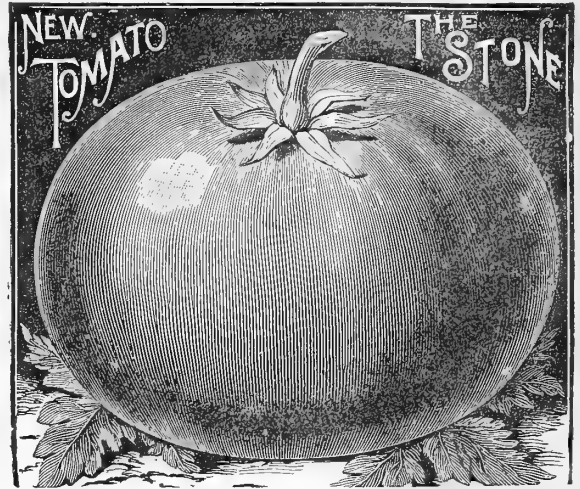
IGNOTUM.

Of good size, rich color, nearly round, very solid; keeps its good flavor later in the season than most varieties. Not so liable to crack as the average of tomatoes. Very productive. Prof. Taft states, that, in a dry season, they produced double the crop, and were much more solid than the Mikado. The editor of the *Rural New Yorker* says that on their grounds they prove to be all that is claimed for them, and advises his readers to make trial of it. Price, per oz., 30 cts.; per pkg., 10 cts.

RED CROSS.

This new tomato, in form, is of the Livingston class, of large size, round and handsome, but is earlier. It is even in size throughout the season, perfectly solid, a brilliant-crimson in color, ripens close up to the stem, and bears harvesting better than most varieties. It brings an extra price in the markets of Boston. Price, per oz., 30 cts.; per pkg., 10 cts.

THE NEW STONE.



This is one of the new tomatoes introduced by Mr. A. W. Livingston, the famous introducer of the Acme, Paragon, and other fine sorts, which he names "The New Stone Tomato." He says:—

"The New Stone Tomato ripens for main crop; it is very large, and of bright-scarlet color; very smooth, with occasionally a specimen very slightly octagon-shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive."

Above all, not Subject to Rot.—Prof. J. L. Budd, of Iowa State Agricultural College, says:—

"It was large enough, smooth, firm-fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Quality Very Superior.—Prof. E. S. Goff, of Wisconsin Agricultural Experiment Station, says:—

"In quality it is very superior, being unusually solid. The plants were productive and the fruit was entirely smooth."

Bright, Attractive Color.—Prof. W. J. Green, of Ohio Experiment Station, writes:—

"The tomatoes are very large, solid, and of a bright, attractive color. The plants are robust and prolific."

Will Take the Lead for Cannors and Shippers.—Mr. W. W. Carpenter says:—

"It is coreless, and so firm that it can easily be selected from other sorts in the dark. In a word, it combines all the good qualities found in the Favorite and Perfection."

Fred. G. Abbey, Lookout, Wash., writes: "I had the finest crop of tomatoes ever seen in this country, from the Livingston's New Stone Tomato seed bought of you last year."

Price, per oz., 35 cts; per pkg., 10 cts.

MATCHLESS.

This new variety is a fine type of the Red Cross and Optimus class of tomatoes. Though not of the earliest, yet as a standard sort, with its large size, smooth symmetry of form, rich color, productiveness, and good keeping qualities, it deserves trial by every wide-awake market gardener. Price, per oz., 30 cts.; per pkg., 10 cts.

LIVINGSTON'S "FAVORITE."

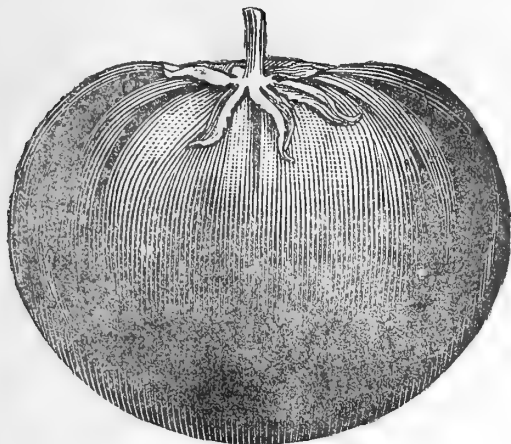
Smother than Paragon, darker red than Perfection, and larger than either. Very productive. Excellent for marketing or canning. Price, per lb., postpaid, \$2.50; per oz., 25 cts.; per pkg., 5 cts.

EARLY RUBY.

Extra earliness and great size is claimed for the Early Ruby. It is similar every way to Livingston's Perfection, but decidedly earlier. The mass of fruit being produced close to the main stem enables the sun to reach it the more readily. Price, per oz., 25 cts.; per pkg., 5 cts.

For choice Flower Seeds in Collections at reduced rates see page 9.

MITCHELL'S NEW.



Mr. Mitchell, the originator of the Canada Victor, makes the following claims for his new tomato:—

"It is unsurpassed in quality and productiveness, and cracks and rots less than the average tomato; is the earliest of the large smooth sorts; is uniform in size and holds its size to the end of the season; it is heavy, solid, and smooth, large in size, and of a beautiful red color." Here is the experience of some men of standing who have raised it: Mr. S. Spillet, of Nantze, recommends it for size, quality, and earliness; Mr. E. Routledge for its color, size, solidity, flavor, and earliness; Mr. W. Gilgore, of Peterboro, for its size, productiveness, smoothness, earliness and quality; Prof. Shaw, of Ontario Agricultural College, for its rank when compared with the best varieties. Editor Race speaks emphatically of its size, quality, and productiveness. T. N. Walker, of Ingersoll, states that in size, solidity, and smoothness the crop far surpassed other varieties growing side by side with them.

We have raised the Mitchell the past season on a large scale, and can so far endorse the statements of Mr. Mitchell, in our summing up, as to claim for it a deserving place among the very best varieties of recent introduction. Price, per oz., 30 cts.; per pkg., 10 cts.



Buy Seed directly from the grower.



TURNIP.

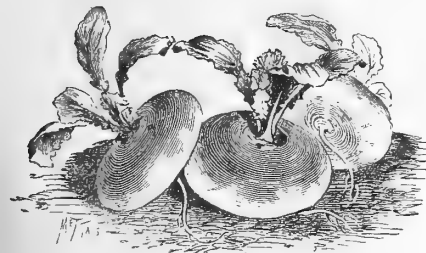
WHITE EGG.



Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

Several years ago we experimented with every variety of the early turnips found in the catalogue of the most extensive seed-growers of England, to determine whether this turnip, claimed to be a new American variety, really was such. After a careful comparison with all these foreign varieties, we were satisfied that it was a new variety, as distinct from any of the sorts tested as they are from each other. It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Ruta-Baga, being a very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and, with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for Winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per lb., postpaid, 55 cts.; per oz., 10 cts.; per pkg., 5 cts.

MILAN STRAP-LEAVED.



This variety of turnip is sent out by the same reliable firm that sent out the Munich. They declare it to be even earlier than the Munich. It is of the strap-leaved class, flat in shape, and of excellent quality. Price, per lb., postpaid, 75 cts.; per oz., 12 cts.; per pkg., 5 cts.

IMPROVED PURPLE TOP SWEDE.

A very early, free-growing variety, with short neck and small top, flesh deep-yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per lb., postpaid, 60 cts.; per oz., 10 cts.; per pkg., 5 cts.

BUDLONG.

This is an American Ruta-Baga, earlier and rounder than any other of the Sweet German, Improved White French, Rock, or Russian turnips, all of which names are given, in different localities, to the white Ruta-Baga, or various strains of it. Mr. Budlong, probably the most extensive raiser of Ruta-Bagas in New England, has, by years of careful selection, produced this excellent strain. Price, per lb., postpaid, 75 cts.; per ¼ lb., 23 cts.; per oz., 12 cts.; per pkg., 5 cts.

NEW JAPANESE BUCKWHEAT.

The kernels of this new buckwheat are nearly twice as large as the common kind; the straw is stouter and heavier; it branches more, and it does not need to be sown as thickly; the flour made from it is equal to that from any other buckwheat; it is a very heavy cropper; and less apt to blight than other varieties.

Writes Mr. Eugene Miller: "From 12 quarts I raised over thirty-two bushels of grain, or nearly three times as much as the Silver Hulled." From *Rural New Yorker*: "I consider the Japanese Buckwheat to be far ahead of all other kinds. It is certainly a distinct variety. So far, with me, it outyields the old Gray or the Silver Hull, two to one. It makes a better growth on poorer soil than any buckwheat I have ever raised." Price, per bush., \$1.50; per express, per peck, 50 cts.; per lb., by mail, 30 cts.; per pkg., 10 cts.



MRS. H. F. OLMSTEAD, Freedom, Ill., writes:—"In the Summer my living comes from my garden—six in family, no sickness, no doctor's bills—a good recommendation for your seeds."

JOHN MILLER, Belmont, Tenn., writes:—"Please accept thanks for extra seeds sent. Have used your seeds for thirteen years and always have found them right."

A. R. BERDE, Wait's River, Vt., writes:—"Have used your seeds, exclusively, for fifteen years, and have always found them as represented."

GRAINS, GRASSES AND FORAGE PLANTS.

MAMMOTH ARTICHOKE.

As a fodder plant the tops and tubers of the artichoke have not received the attention they deserve. The value of the tubers for this purpose surpasses, pound for pound, beets, carrots, turnips, or parsnips, being very nearly equal to the potato, while that of the tip is equal to that of peas cut when in bloom. If the tips are fed to cows so late as when the tubers are dug, even then the leaves are greedily eaten. We have weighed twenty-eight pounds of stalks from a single plant. They yield from one hundred and fifty to one thousand bushels per acre. In rich soil the yield is about double the quantity of potatoes growing alongside; some of the single tubers weigh two pounds. In a row three hundred feet in length we raised twenty-one bushels, which is at the rate of over nine hundred to the acre. Hogs are sometimes turned in to harvest them. They are excellent food for almost any kind of stock, especially hogs and cows. Perfectly hardy, they will keep in the ground all Winter. It is said that ploughing under when a foot high will exterminate them. Price, per bush., by express or freight, \$4.00; per peck, \$1.25; per qt., postpaid, 40 cts.

MANSHURY BARLEY.

A six-rowed barley with very long heads, well filled and heavy; straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. Price, per express or freight at purchaser's expense, per bush., \$2.25; per peck, 80 cts.; per lb., postpaid, 30 cts.; per pkg., 10 cts.

TEOSINTE.

Especially adapted to the South; resembles Indian-corn, but from one seed grows a little forest of stalks, sometimes to nearly a hundred in number. These stalks will, in the South, bear cutting four or five times in the course of the season, making a great amount of fodder which is sweeter than corn. Cows are extravagantly fond of it. We have received strong recommendations from our Southern customers. Price, per lb., postpaid, \$2.00; per oz., 20 cts.; per pkg., 10 cts.

PRICKLY COMFREY.

In spite of some hasty criticism, careful experiments, continued through several years, have proved this to be very valuable as a fodder plant for cows, horses, sheep, and other animals. Run the leaves through a feed-cutter, wet, and mix with bran or meal with a little salt. Propagated by pieces of the root. Plant on rich soil, and give plenty of manure. Two or three crops of forty or fifty tons in all have been raised per acre. Don't cut till second year. It is perennial, withstands droughts, and is perfectly hardy. Price, per doz., postpaid, 30 cts.; per 100, per express, \$1.00.

Raffir Corn.

This new forage crop is allied to Milo Maize or Branching Sorghum, but is earlier than either of them. This grows from four and a half to six feet in height. The stalks keep green and are brittle and juicy, making fodder, green or dry, which is relished by cattle, horses, and mules. Its seed heads, eight or ten inches long, with hundreds of corn-like kernels, are eagerly eaten by horses, hogs, and fowls. It cannot be relied upon to mature its seed in the latitudes of New England. Price, per peck of 15 lbs., by express or freight at purchaser's expense, \$1.50; per lb., postpaid, 30 cts.; per pkg., 10 cts.

RACE-HORSE OATS.

The foreign oat, the Early Race-horse, came off with flying colors on our experimental grounds in 1883, where nineteen varieties were grown side by side. It proved to be nearly a fortnight earlier than the common variety, a very heavy cropper, with grains almost as plump as a well-filled barley. Francis Schletzbaum, Eden, Kansas, writes: "Your Race-horse Oats yielded at the rate of eighty-five bushels per acre." Per package, postpaid, 10 cts.; per lb., per mail, 25 cts.; per peck, 60 cts.; per express or freight at purchaser's expense; per bushel of 32 lbs., \$1.50.

YELLOW DOURA.

This is earlier than the Branching Doura (or Milo Maize), and is not so delicate in starting. The grain which is abundant, is readily eaten by cows, horses, hogs, and mules. Like the Branching Doura, it yields an immense mass of green forage, and will bear two or three cuttings, sprouting up anew each time. It grows from nine to twelve feet high, bearing the grain on the large tops. Price, per lb., postpaid, 80 cts.; per pkg., 10 cts.

PRINGLE PROGRESS OATS.

This new and distinct variety of oats was made by Mr. Pringle several years ago, by crossing the Excelsior with the Chinese Hulless. In it we have a combination of good qualities which cannot fail to please — a short, stiff straw, and a long, full head or panicle. In the Progress we have a head averaging as large as the largest of the taller varieties, well filled, and only two-thirds as much straw. The vigor that in most varieties goes to form straw here goes to make grain. Being so much shorter, it does not lodge. In our trial plot of about twenty varieties of oats, the Progress matured the first of all. We believe if the farmer prefer grain to straw, the Progress will suit every time.

Per packet, 10 cts.; per lb., postpaid, 25 cts.; per peck, 60 cts.; per bushel, \$1.50.

WELCOME OATS.

Our friends of the agricultural experimental stations differ in opinion as to the individuality of several varieties of oats. While they are settling their differences, we think sufficient facts have been brought forward to render doubtful whether such oats as Surprise, Welcome, and White Belgian are not too nearly alike to make distinctive names desirable.

These oats are characterized by great vigor of growth, and their remarkable cropping. One of the most attractive features of the Welcome Oats is the plumpness of the grain. In some instances it reached the great weight of over fifty pounds to the measured bushel, and in one instance the crop of two bushels weighed one hundred and eleven pounds.

O. B. Goldsmith, Weld, Me., writes: "From an ounce package of our Welcome Oats I raised five bushels of forty-seven and one-half pounds each."

Price, per bush., \$1.50; per peck, 60 cts.; per express or freight at expense of purchaser; 3 lbs., per mail, 60 cts.; 1 lb., per mail, 25 cts.; per pkg., 10 cts.

MILO MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than corn-stalks. Roots so deep it stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from six to ten feet high. Four pounds of seed plant an acre. Price, per peck of 15 lbs., express or freight at purchaser's expense, \$1.75; per lb., postpaid, 30 cts.; per pkg., 10 cts.

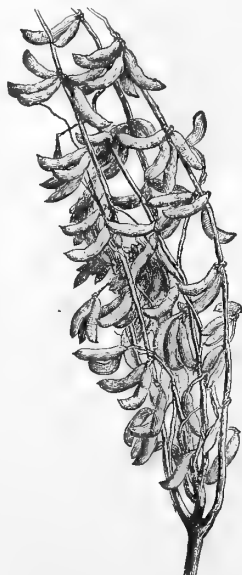
SASKATCHEWAN WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn. (whose mill has a capacity of seventy-five hundred barrels per day): "No such milling wheat has been received at our mill since we have been in the milling business." Professor Porter, professor of agriculture of the Minnesota State University, says: "It exceeded my strongest expectations, in its bright, stiff straw, its large, well-filled heads, its plump, amber-colored grain, its freedom from all varieties of rust, its great vigor of growth, its early maturity, and its productiveness. In my judgment, the yield on all our wheat-farms, by its use for seed, will be increased from five to fifteen bushels per acre." My prices are as follows: per bushel of 60 lbs., per express or freight at purchaser's expense, \$2.25; per peck, 75 cts.; 3 lbs., per mail, 75 cts.; 1 lb., 30 cts.; per pkg., 10 cts.

SOJA OR SOYA BEAN.

The "American Coffee Berry."

Under this name this Japanese bean is being sold in the West at fabulous prices. It does not even belong to the coffee family of plants, still it is a fact, as I find by actual test, that when roasted and coarsely ground it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. It certainly is the best of all substitutes for coffee yet found, and as there is nothing injurious about it, it being, on the contrary, the most nutritious of all vegetable products, and as it can be raised almost anywhere where corn will mature, and yield from twenty to thirty bushels per acre, I believe that the time is not far distant when it will be quite generally raised as a substitute for the cheaper varieties of coffee. Like clover, it is a nitrogen collector. Some of the taller varieties give great promise of value for ensilage purposes, and the extraordinary richness of the seed makes them an excellent home substitute for cotton and linseed meal for feeding purposes. Cows are very fond of the ground beans. Price, per peck, per express, \$1.25; per qt., postpaid, 40 cts.; per pkg., 10 cts.



Please see Japanese Buckwheat, page 37.
Japan Clover, page 33.
Alfalfa, page 27.

COMPLETE LIST OF VEGETABLE SEEDS WITH PRICES.

One-half bushel at bushel rates; half-peck at peck rates; half-pound at pound rates; pints at quart rates.

As a rule, the earliest varieties are placed at the head of each list.

ASPARAGUS. (German, *Spargel*; French, *Asperge*.) For Roots, see page 2.

Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, and trench the ground two feet deep, using a liberal quantity of well-decomposed manure, with a small admixture of common salt. Set the roots so that the crowns will be three or four inches below the surface of the ground in rows three feet apart, and nine inches apart in the row. Apply a dressing of manure in autumn (rotten kelp is excellent), digging the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. An occasional application of salt will be found beneficial. One ounce to sixty feet of drill.

Palmetto. (New.) See page 10.....	32	1 00	30	15	5
Moore's Cross-bred. See page 10.....	1 17	1 25	38	15	5
Conover's Colossal. The standard variety.....	52	60	18	10	5

BEANS. Dwarf, Snap, or Bush. (German, *Busch-Bohne*; French, *Haricot*.)

Select light, warm soil, and plant when danger from frost is past in the spring, in drills two to two and a half feet apart, dropping the beans about two inches apart in the drill, and cover one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred feet of drill.

PRICES OF SEEDS.					
	lb. exp.	lb. mail	1/4 lb.	oz.	pkg.
BURPEE'S BUSH LIMA. (New.) See page 3. 1-2 pint, 40 cts.; 1 pint, 75 cts.....					
Plymouth Rock. (New.) See page 10.....					package only
Improved Round Yellow Six Weeks. (New.) See page 11. A fine shipper.....	1 25	4 50	30	45	10
Early China, or "Red Eye." An old, popular early variety.....	1 20	4 00	25	40	10
Early Valentine. Pods long, round, and tender; excellent, standard early bean in Middle States.....	1 20	4 00	25	40	10
Early Mohawk. Very hardy, early, and productive.....	1 20	4 00	25	40	10
Early Yellow Six Weeks. Very early and productive; a standard sort.....	1 20	4 00	25	40	10
Refugee, or a Thousand to One. A very prolific bush sort.....	1 20	4 00	25	40	10
Emperor William. A very broad-podded white. Early, fine both for string and shell.....	1 50	.....	30	45	10
Low's Champion. See page 11.....	1 50	.....	30	45	10
Rhode Island Early. See page 11.....	.....	.....	35	50	10
Best of All. This has long, fleshy pods of finest flavor; an abundant bearer.....	1 50	.....	30	45	10
Dun Cranberry. One of the very best for string; yield, first-rate; early; good as a green or dry shell bean.....	1 20	4 00	25	40	10
Dwarf Red Cranberry. The pure old-fashioned sort, such a favorite with our fathers.....	1 20	4 00	25	40	10
WARREN. See page 3.....	3 00	10 00	40	55	10
Dreer's Lima. (New.) See page 10.....	.....	.....	.....	.....	8 packages for \$1.00
Henderson's Bush Lima. See page 10. Two weeks earlier than the pole Limas.....	2 50	.....	35	50	10
Speckled Wax. (New.) See page 10.....	2 50	.....	35	50	10
Extra Early Refugee Wax. (New.) See page 10.....	2 50	.....	35	50	10
Challenge Dwarf Black Wax. (New.) See page 10.....	2 50	.....	45	60	10
Cylinder Ivory Pod Wax. See page 10.....	2 50	.....	45	60	10
Detroit Wax. (New.) Early; nearer rust proof than most wax sorts; pods long and broad.....	1 75	.....	30	45	10
Wardwell's New Kidney Wax. (New.) See page 10.....	1 75	.....	30	45	10
Early Golden-Eyed Wax. See page 10.....	1 75	6 00	35	50	10
Crystal White Wax. Pods small, but remarkably prolific; much used for canning.....	.....	.....	30	45	10
Dwarf Golden Wax, or York Dwarf Wax. More prolific, with larger pods than the common sorts.....	1 50	5 00	30	45	10
Dwarf Black Wax. Superior for a snap bean. A very fine strain of early dwarf wax.....	1 50	5 00	30	45	10
Marblehead Early Horticultural. See page 10.....	2 00	.....	35	50	10
Early Carmine-Podded Dwarf Horticultural. (New.) See page 11.....	2 00	.....	35	50	10
Boston Favorite, or Red-Podded Dwarf Horticultural. Rich carmine color; market gardeners' sort.....	1 75	.....	25	40	10
Intermediate Horticultural. A half-bush variety, very prolific; a superior sort for market gardeners.....	1 60	5 50	30	45	10
Boston Pea. (New.) See page 10.....	1 50	.....	25	40	10
Burlingame Medium. Early and very prolific; in size between marrow and pea.....	1 25	4 00	25	40	10
Improved Yellow Eye. One of the best varieties for baking. Remarkably vigorous, healthy and prolific.....	1 50	.....	30	45	10
Navy, or Pea Bean. A small, almost round variety, very productive; a standard sort for field culture.....	1 00	3 75	20	35	10
White Marrow. A standard sort for field cultivation, early.....	1 25	.....	30	45	10
Snowflake. See page 11.....	1 50	5 00	40	55	10
Red Kidney. A standard red sort; fine for baking.....	1 25	.....	30	45	10

BEANS. Pole, or Running Varieties. (German, *Stangen-Bohne*; French, *Haricots à Rames*.)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil, and do best in a sheltered location. One quart to 150 poles.

Marblehead Champion. We find that this variety excels every other pole bean in earliness.....	.....	.....	60	75	10
Marblehead Early Pole Cranberry. The earliest pole cranberry; pods tender; delicious when cooked.....	.....	.....	45	60	10
Essex Prolific. Fine either green or dry; pods green; a vigorous grower.....	.....	.....	40	55	10
Concord. Considerable earlier than the London Horticultural; good for string or shell.....	.....	.....	45	60	10
Arlington Pole Cranberry. This fine sort is later but larger podded than the Marblehead Pole Cranberry.....	.....	.....	45	60	10
Kentucky Wonder. See page 11.....	.....	.....	50	65	10
Transylvanian Butter. Pods very broad and long; stringless. Give it rich garden soil.....	.....	.....	.....	.....	package only
Brockton. See page 11.....	.....	.....	35	50	10
London Horticultural, or Wren's Egg. Productive, pods elegantly striped; excellent string or shell.....	2 50	.....	35	50	10
Southern Prolific. A standard at the South, but should be in every Northern garden; very productive.....	.....	.....	30	45	10
Caseknife. A white pole bean of great richness either as green-shelled or when baked.....	.....	.....	35	50	10
Yard Long. Pods grow two and three feet long; a decided novelty.....	.....	.....	.....	.....	package only
Painted Lady. Either for ornament or use.....	.....	.....	.....	.....	package only
Scarlet Runner. The largest for eating; fine for ornament.....	.....	.....	35	50	10
Wilkins' Pole Cranberry. (New.) See page 11.....	.....	.....	65	80	10
Lazy Wives. A late white pole sort; fine for a succession, coming late. For shelling or baking.....	.....	.....	.....	.....	package only
Golden Butter. See page 11. Very early; very prolific; very handsome; in fact, very first class.....	2 00	.....	45	60	10
Carmine Wax. One of the earliest of the pole sorts. Pods green, then yellow, then carmine.....	.....	.....	45	60	10
Flageolet Wax. See page 11. Very handsome pods, having a transparent waxy look.....	2 00	.....	45	60	10
Early Golden Cluster. (New.) See page 11. In the front rank of wax pole varieties.....	.....	.....	45	60	10
Indian Chief, or Black Algerian. Wax. Always in order for stringing; pods yellowish-white.....	.....	.....	40	55	10
Extra Early Lima. This is, as the name indicates, really earlier than the common sorts.....	2 50	.....	40	55	10
King of the Garden Lima. See page 11.....	2 50	.....	45	60	10

 F. L. Heavner, Sayes, Pa., writes: "The All Seasons is the finest cabbage I have ever seen." 

PRICES OF SEEDS.

BEANS—Continued.

Early Lima, Sieva, or Frost. Two weeks earlier than Large Lima. Requires the entire season in the North
Large Lima. As a shell bean, surpasses all in quality; late for the extreme North.
Dreer's Improved Lima. Rather later, but more prolific than Large Lima; round in shape.

ENGLISH BEAN, Broad Windsor. Large and excellent. Valuable for ripening unevenly.
 These thrive best in rich, moist soil and cool situation. Plant in early spring, two or three weeks earlier than the common beans, in rows two feet apart, and six inches apart in the row, covering two inches deep. Pinch off the tops of the plants when the young pods first appear.

BET. (German, *Runkel Rube*; French, *Betterave*.) **Table Varieties.**

Select a deep, rich, sandy loam, and manure with well decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May, and for winter use, from the 10th to the 20th of June, according to variety,—the long varieties requiring more time to mature than the round, early kinds. When sown late increase the quantity of seed. To preserve during winter, cover with earth to keep from wilting. When cooking, boil new beets one hour, and old ones two hours or more. The Mangold Wurtzels are grown principally for stock, and, as they grow larger, require more room. They should be sown in drills about two feet apart, and be thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre.

Egyptian. Earlier than Bassano. Tops remarkably small. We heartily recommend this valuable variety to the attention of market gardeners who seek above everything else earliness.

Crosby's Early Egyptian. See page 12.

Eclipse. See page 12. Quite as early as the Egyptian. Now a standard variety.

Early Bassano. One of the earliest, fine in quality.

Faust's New Crimson. (New.) See page 12. Seed from the originator.

Edmonds'. See page 13.

Lentz' Hybrid. (New.) See page 12.

Bastian's Early Blood Turnip. As early as the Bassano, but of much darker color; small top, handsome shape; one of the standards for early market.

Early Blood Turnip. A standard sort; good for summer or winter.

Dewing's Early Blood Turnip. Very symmetrical; free from fibrous roots; dark-red. A first-class beet.

Yellow Turnip. A very early sort, of a beautiful golden-yellow color, the best for quality.

Long Smooth Dark Blood. Excellent for winter use: smooth skinned; flesh, dark red.

Mangold Wurtzel.

The Globe Mangolds succeed better than the long sorts on sandy soil. Farmers should begin to feed them towards the close of winter and in the spring.

Norbiton Giant. The Standard Long Red; very extensively used.

Carter's Orange Globe. The best variety of Yellow Globe.

Giant Yellow Intermediate. (New.) See page 13.

Red Tankard. Tankard shaped, with small tap-root; handsome.

Golden Tankard. Tankard shaped; flesh, deep yellow, with colored rings; good cropper.

Webb's New Kinver Mammoth. Considered by some the best of the Yellow Globes.

Improved American Sugar, or Lane's. A long white variety of Mangold Wurtzel, for stock.

Vilmorin's Improved French White Sugar. The variety cultivated by the French for making of sugar.

White Silesian Sugar. Raised in France for sugar, excellent for feeding stock, a heavy cropper.

Red Giant Ovoid. Very large, oval shape; pulls up very free from dirt.

Red Globe.

Yellow Globe.

BERBERRY

One of the best shrubs for hedges. Perfectly hardy. Never winter-kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge-plant of North America. The berries make excellent preserves. As the seeds of the berberry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured, when we will send the berries at prices named above, with a page of full directions for making a hedge, and for preserving the fruit.

BORAGE

This is a profuse flowering plant, which is grown principally for bees. Sow in early spring in rich soil, and thin plants to one foot apart. Readily bears transplanting, and, when thus treated, flowers more abundantly.

BRUSSELS SPROUTS. (German, *Kopfkohl*; French, *Chou de Bruxelles*.)

A class of plants allied to the cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.

DALKEITH. (New.) See page 6.

Strymger's Giant Dwarf. In habit, close-headed and compact. package only

Dwarf Improved. The standard variety.

Dalmeny Sprouts. A hybrid between Drumhead Savoy and Brussels Sprouts

BROCCOLI. (German, *Spargel Kohl*; French, *Chou Brocoli*.)

The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.


Walcheren White. One of the very best varieties

Large White Early French. A standard French variety

Purple Cape. Late, large, compact

Early Purple. Early, excellent; color, deep-purple

CABBAGE. (German, *Kopfkohl*; French, *Pomme de Chou*.)

 All of the principal varieties of cabbage, making over one-half of the list below, are of our own growing. Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to four feet apart in the rows, with the rows from two and a half to four feet apart, the distance varying with the size. The crop should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For full and minute information, see our treatise on "Cabbages, and How to Grow Them." One ounce to about two thousand plants.

Earliest Varieties.

EXPRESS. (New.) See page 4.

ALL HEAD. (New.) See page 4.

Extra Early Jersey Wakefield. A little smaller and a little earlier than Early Jersey Wakefield.

Early Jersey Wakefield. A standard early cabbage in Boston and New York markets. See page 15.

Henderson's Early Summer. This new drumhead cabbage is much larger than the Early Wakefield though not quite as early. Very popular among market gardeners.

eck exp.	b'sh exp.	qt. exp.	qt. mail	pkg.
.....	.....	35	50	10
.....	.....	35	50	10
.....	.....	35	50	10
.....	.....	35	50	10
lb. exp.	lb. mail	lb.	oz.	
52	60	18	10	5
92	1 00	30	10	5
75	83	25	10	5
47	55	18	10	5
57	65	23	10	5
60	68	23	10	5
60	68	23	10	5
52	60	18	10	5
47	55	18	10	5
47	55	18	10	5
50	58	18	10	5
42	50	18	10	5
32	40	16	10	5
32	40	16	10	5
47	55	18	10	5
40	48	16	10	5
40	48	16	10	5
40	48	16	10	5
32	40	16	10	5
40	48	16	10	5
32	40	16	10	5
37	45	16	10	5
32	40	16	10	5
32	40	16	10	5
67	75	23	10	5
.....	.....	.....	20	5
.....	.....	.....	50	10
.....	.....	.....	15	5
.....	.....	.....	20	5
.....	.....	1 48	50	10
.....	.....	.....	40	10
.....	.....	1 23	40	10
.....	.....	.....	40	10
2 42	2 50	73	25	10
3 42	3 50	1 10	35	10
2 92	3 00	95	30	10
2 92	3 00	95	30	10
2 42	2 50	73	25	10

PRICES OF SEEDS.

Second Early.

CABBAGE—Continued.						lb. exp.	lb. mail	1/2 lb.	oz.	pkgs.
All Seasons. See p. 15. Fast becoming an acknowledged standard; early large drumhead variety.....						2 92	3 00	95	30	10
Very Early Etampes. A very early, fine heart-shaped sort; growing in favor.....						2 17	2 55	68	25	5
Little Pixie. A small, tender cabbage, pointed heads. It is earlier than Early York, and heads hard.....						1 42	1 50	48	15	5
Sugar Loaf. A popular, conical early variety.....						1 92	2 00	58	20	5
Early Oxheart. No supply this year, would recommend Early Jersey Wakefield as a good substitute.....						1 67	1 75	58	20	5
Early York. One of the earliest; an old standard sort.....						2 42	2 50	73	25	5
Early Wyman. It is allied to the Early Wakefield; is about as early, but grows to double the size; very popular with market gardeners as an early market sort.....						1 42	1 50	48	15	5
Early Nonpareil. A choice, very early sort.....						2 42	2 50	73	25	5
Earliest Blood-Red Erfurt. The earliest of all the red varieties. Short stumped; hard heading.....						1 42	1 50	48	15	5
Very Early Paris Savoy. Earlier than Ulm Savoy, which it resembles in shape and color.....						2 42	2 50	73	25	5
Early Yellow Dutch Savoy. The best of the Yellow Savoy; good header; unique.....						.....	.....	.....	25	5
Midsummer Savoy. (New.) See page 14.....						.....	.....	.....	40	10
Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use.....						.....	.....	.....	40	10
Second Early.						.....	.....	.....	25	5
Lar e French Oxheart. Popular as an early cabbage; heart-shaped.....						1 42	1 50	48	15	5
Schlitzer. See page 16.....						.....	.....	98	30	5
Early Winnigstadt. Heads large, cone-shaped, solid; one of the best standards for all soils.....						2 42	2 50	73	25	5
Early Red Erfurt. Early, head round, and very solid.....						.....	.....	.....	25	5
Filgerkraut. The heads are conical in shape, large size, very hard and solid. Can be used medium early, but specially valuable for winter use. Sure to head and thrives well everywhere.....						1 52	1 60	48	20	5
Rothselburg. See page 14.....						.....	.....	.....	.....	10
Schweinfurt Quintal. The earliest of all large drumheads; grows from a foot to eighteen inches in diameter; does not head very hard, but is remarkably tender. The heads are very handsome.....						1 92	2 00	58	25	5
"Newark" Early Flat Dutch. Best strain of second early in New York market. Heads large and solid.....						2 42	2 50	73	25	10
Early Bleichfeld Giant. See page 16.....						1 92	2 00	58	20	5
Fottler's Early Brunswick. The earliest of the large-heading drumheads. This has given great satisfaction in every section of the United States. See page 15.....						2 42	2 50	73	25	5
Reynolds. (New.) See page 14.....						3 17	3 25	98	35	10
Succession. See page 16.....						3 17	3 25	98	35	10
Warren. See page 13.....						2 92	3 00	95	30	10
Early Deep Head. See page 13.....						2 42	2 50	73	25	10
Late Kinds.						.....	.....	.....	.....	.....
Green Glazed. A standard variety in the South.....						1 92	2 00	58	20	5
Red Dutch. The old variety for pickling.....						1 92	2 00	58	20	5
Red Drumhead. Larger than Red Dutch, and more profitable; heads round; very reliable for heading.....						1 92	2 00	58	20	5
New Diamond Winter. See page 16.....						2 92	3 00	95	30	10
Gregory's Hard Heading. (New.) See page 14.....						2 92	3 00	95	30	10
Marblehead Mammoth Drumhead. Largest in the world. Special directions on label. See page 15.....						2 42	2 50	73	25	10
Stone-Mason Drumhead. A standard variety in Boston market.....						2 12	2 20	68	25	5
Premium Flat Dutch. Large and excellent for winter; very extensively grown in the South. See page 15.....						1 92	2 00	58	20	5
Improved American Savoy. Very reliable for heading; very sweet and tender. See page 14.....						1 92	2 00	58	20	5
Drumhead Savoy. A cross between Savoy and Drumhead; very large.....						1 92	2 00	58	20	5
ARROT. (German, <i>Moehre</i> ; French, <i>Carotte</i>.)						.....	.....	.....	.....	.....
Carrots thrive best in rather a light loam. The ground should be well manured with fine, well-rotted, or composted manure, six or eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to five inches in the rows. Plant from the middle of April to the middle of May, to insure crop, though good success is often met with if planted as late as the 10th of June. As the dry spells, which sometimes prevail at that season, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed, which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")						.....	.....	.....	.....	.....
IMPROVED SHORT WHITE. (New.) See page 4.....						92	1 00	30	15	10
Early Very Short Scarlet. The earliest and smallest of all varieties; of special value for forcing.....						1 00	1 08	33	15	5
Early Scarlet Horn. The early short variety for forcing; excellent for the table; color, very deep orange.....						77	85	25	10	5
Short Horn. The standard early variety; sweeter than Long Orange, and more solid. Good to color butter.....						67	75	23	10	5
Chantenay. See page 16.....						92	1 00	30	12	5
Guerrande. See page 16. Enormous cropper; can be pulled by hand.....						1 00	1 08	33	12	5
Danvers. Extra selected gardeners' strain. See page 16.....						1 25	1 33	38	15	5
Improved Long Orange. We send this out as the most select strain of Long Orange.....						72	80	25	10	5
Mitchell's Perfected. This differs from all others in being nearly as large at bottom as at top.....						.....	.....	60	20	5
Large White Belgian. Large white; very productive; good for horses; crop can be pulled by hand...						60	68	23	10	5
Yellow Belgian. Grown partly out of ground; a capital sort for late keeping.....						50	58	18	10	5
Giant White Wiltshire. (New.) See page 16.....						92	1 00	30	15	5
CAULIFLOWER. (German, <i>Blumenkohl</i> ; French, <i>Choufleur</i>.)						.....	.....	.....	.....	.....
Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener. Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for one thousand plants.						.....	.....	.....	.....	.....
Extra Early Dwarf Erfurt. Extra choice. Specially selected. See page 16.....						.....	.....	3 00	25	.....
Early Paris. A standard early variety.....						.....	2 98	75	10	.....
Early Erfurt. A choice German variety.....						.....	4 98	1 50	15	.....
Italian Early Giant. Fine, large, white-headed, and early.....						.....	.....	60	10	.....
Early Dutch. Early.....						.....	.....	60	10	.....
Henderson's Early Snowball. See page 16. Very dwarf; very early and reliable.....						.....	14 00	4 00	25	.....
Early London Market. The best strain of this standard English sort.....						.....	.....	50	10	.....
Thorburn's Gilt Edge. (New.) See page 17.....						.....	.....	3 50	25	.....
Long Island Beauty. See page 17.....						.....	.....	3 00	25	.....
Eclipse. The leaves of this variety are said to protect the head especially well.....						.....	.....	.....	15	.....
Carter's Defiance. This sort is fine for forcing or very early use.....						.....	.....	.....	15	.....
Berlin Dwarf. By test we find that this for earliness, size and quality about equals the Snowball.....						.....	.....	1 00	15	.....
Lenormand's Short-Stemmed Mammoth. Dwarf, large and fine; reliable for general cultivation.....						.....	2 48	75	10	.....
Carter's Dwarf Mammoth. Very early, with heads remarkably large for so dwarf a variety.....						.....	.....	75	15	.....
Autumnal Late Giant. Very large headed and extremely productive.....						.....	.....	60	10	.....
Large White French. Fine, large, white.....						.....	.....	60	10	.....
Stadtholder. Fine; large size; late.....						.....	.....	60	10	.....
Late Algerian. One of the new, large, late French sorts; very popular with the New York gardeners.....						.....	2 48	75	10	.....

 Cyrus Lee, Russiaville, Ind., writes: "The Southport Early Red Globe is the finest onion: give me no other."

PRICES OF SEEDS.

CELERY. (German, *Sellerie*; French, *Céleri*.)

Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. Sow Boston Market early and manure it heavily to develop its branching habit. Those marked with a * the best for the South. One ounce of seed gives about four thousand plants.

	lb. exp.	lb. mail	1/4 lb	oz.	pkg.
Early Arlington. See page 17. Stock from the originator.....	2 92	3 00	95	30	10
Paris Golden Yellow Large Solid. See page 18. Headquarters stock.....	3 42	3 50	1 10	35	10
Boston Market. Headquarters Stock. This is the short, bushy, compact, solid Boston variety.....	2 92	3 00	98	30	10
Dwarf Golden Heart. See page 17.....	1 92	2 00	58	25	5
Crawford's Half Dwarf. See page 18.....	1 92	2 00	58	25	5
*White Plume. See description on page 17.....	2 92	3 00	95	35	10
Giant Pascal. (New.) See page 17. Stock from the originator.....	3 42	3 50	1 10	35	10
Kalamazoo. See page 18.....	2 17	2 25	68	25	10
Solid Ivory. The perfection of a dwarf celery; compact in habit; crispy, and of fine flavor.....				50	10
*Perfection Heartwell. Medium green, tall, vigorous grower, makes a large, tender heart.....			1 98	60	10
*White Solid. A standard sort. Our strain of this is first-rate.....	1 92	2 00	58	25	5
Sandringham Dwarf White. Most dwarf of all; very solid; white.....	1 92	2 00	58	25	5
New Rose Dwarf. Has the good keeping qualities of the red sorts, and is, with its pink color, very beautiful.....				40	10
London Red. Dwarf, solid and crisp; a first-class variety.....				20	5
Turnip Rooted. (Celериac.) The old standard sort. Celериac is used for flavoring soups.....				20	5
Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celериac.....				20	5
Old Celery. For flavoring pickles, etc.....	50	58	18	10	5

CHICKORY. (German, *Cichoren Worzel*; French, *Chicoree*.)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.

Large Coffee Rooted. Used as a substitute for coffee.....

COLLARDS, or COLEWORTS.

A class of plants closely allied to the Cabbage family, used as greens in the pine sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one-half feet apart in the row. Thin during the summer to three feet apart in the row, using the plants for fodder, for if the soil is good what are left will grow to touch each other. Gather for use after the first heavy frost.

CORN.

Do not plant before the ground has become warm — nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks thinned to ten inches apart; the larger sorts should have the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest varieties eighteen inches apart. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Minnesota, Crosby's, Moore's, Stowell's, and Egyptian Sweet, using double of the two last-named sorts. One quart for two hundred hills.

Sweet Varieties for Family Use and Marketing in a Green State.(German, *Zucker Maize*; French, *Sucre Maize*.)

	peck exp.	b'sh exp.	qt. exp.	qt. mail	
WHITE CORY. (New.) See page 4.....	1 20	4 25	28	40	10
FIRST CROP SUGAR. (New.) See page 5.....	1 25		28	40	10
QUINCY MARKET. (New.) See page 5.....	1 50		33	45	15
NONESUCH. (New.) See page 4.....	1 25		28	40	10
STABLER'S EARLY. (New.) See page 4.....	1 25	4 00	28	40	10
BONANZA. (New.) See page 5.....			28	40	10
GOLDEN NUGGET. (New.) See page 5.....			28	40	10
COUNTRY GENTLEMAN. (New.) See page 5.....					10
Cory. See page 19. Now the acknowledged standard early market sort.....	1 50	5 00	33	45	10
Lackey's New Early Sweet. (New.) See page 19.....	1 20	4 00	23	35	10
Marblehead Early Sweet. Second early only to the Cory; a week earlier than Narragansett. By careful selection of stock we have made this a white corn.....	1 25	4 25	28	40	10
Early Minnesota Sweet. One of the second earliest; ears of good market size.....	1 00	3 50	23	35	10
Early Narragansett. Second early; kernels very large; ears large in diameter, and of medium length.....	90	3 00	23	35	10
Perry's Hybrid. See page 18.....	1 00	3 50	23	35	10
Durkee Sweet. Ripening just after Cory; this is remarkably sweet and tender.....	1 00	3 50	23	35	10
Original Crosby's. See page 18.....	1 10	3 75	28	40	10
Crosby's New Early Sweet. First-rate every way, either for market or family use.....	1 00	3 50	23	35	10
Early Boston Market. Earlier and more dwarf than Crosby's early; has larger ears.....	1 10	3 75	23	35	10
Potter's Early Concord Sweet. Twelve to sixteen rows, med. early, ears large; good to follow Crosby.....	1 00	3 50	23	35	10
Potter's Excelsior or Squantum. See page 18.....	1 00	3 50	23	35	10
Shaker Early Sweet. Matures with Minnesota, but has a larger ear; desirable.....	1 00	3 50	23	35	10
Honey Sweet. Second early; husks red; kernel creamy-white; deep grain; cob small; productive and sweet.....	1 10	3 75	28	40	10
Mexican Sweet. The sweetest and tenderest of all varieties we are acquainted with.....	1 00	3 50	23	35	10
Quaker Sweet, or Ne Plus Ultra. See page 18.....	1 10	3 75	28	40	10
Amber Cream. A medium late sort.....	1 10	3 75	23	35	10
Old Colony. In earliness between Moore's and Stowell's; ears large, having a fine, deep grain.....	1 00	3 50	23	35	10
Pee-and-Kay. Second early, large eared, white and sweet.....	1 00	3 50	23	35	10
Hickox. Large eared, white, tender, and sweet, ripening a week earlier than Stowell's.....	1 00	3 50	23	35	10
Marblehead Mammoth Sweet. The largest variety grown. See page 18.....	1 00	3 50	23	35	10
Livingston's Evergreen. (New.) See page 18.....	1 10	3 75	28	40	10
Stowell's Evergreen Sweet. Excellent; keeps green till cold weather; ears large; a standard late variety.....	90	3 00	23	35	10
Egyptian Sweet. About as late as Stowell's Evergreen, but surpasses that variety in sweetness. We think we never ate a white variety of sweet corn more tender and sweet than this.....	1 00	3 50	23	35	10
Sweet Fodder Corn. Not as usual mere trash, but good corn to vegetate.....	75	2 25	20	32	10

Varieties for Field Cultivation and Popping. (German, *Welschcorn*; French, *Maize*.)

EXTRA EARLY HURON DENT. (New.) See page 5.....	75	2 50	25	40	10
Improved Early Yellow Canada. A first-rate corn where the seasons are short.....	75	2 25	25	40	10
Adams Early. A favorite in the South. The earliest of all the Dent sorts.....	90	3 00	25	40	10

 J. S. Craycroft, Astor Park, Fla., writes: "The Reynolds is a splendid cabbage, sweet and tender." 

PRICES OF SEEDS.

CORN—Continued.

	peck exp.	b'sh. exp.	qt. exp.	qt. mail	pkg.
Longfellow's Field. See page 19. We again offer a fine stock. Home grown.....	60	2 00	25	40	10
Butler Dent. (New.) See page 19.....	60	2 00	25	40	10
Sibley's Pride of the North. Probably the earliest Dent corn; can be ripened in Northern New England	60	2 00	25	40	10
Leaming. See page 19.....	60	2 00	20	35	10
Sanford. A white flint planted extensively for fodder, the stalks being extra large and numerous.....	60	2 00	25	40	10
Chester County Mammoth. The Dent sort for the South and West; ears often fourteen inches long.....	60	2 00	25	40	10
Blunt's Prolific Field. A fine prolific white flint variety, too late for N. E., but a fine sort for ensilage.....	60	2 00	25	40	10
Ensilage. The tallest variety of Southern corn, especially suitable for ensilage.....	60	2 00	20	35	10
Dwarf Golden Pop. Small, but ornamental, and a favorite with the little folks; excellent for popping.....	.....	.....	30	45	10
Nonpareil, or Pop. The popular variety for parching.....	.....	.....	25	40	10
Silver-Laced Pop. The handsomest of all varieties of pop-corn, and decidedly a growing favorite.....	.....	.....	25	40	10
Egyptian Pop, or White Rice. Tenderer when popped than the common variety.....	.....	.....	35	50	10

BROOM CORN.

Any good corn land will grow Broom Corn. Plant in rows three feet apart, and thin to eight inches in the row.					
Dwarf. Dwarf in habit; grows a finer brush than any other.....	1 30	4 00	25	37	10
Improved Evergreen. An improvement on the Evergreen by careful selection of stock for years. Not as tall as Evergreen; brush fine and bright colored.....	1 30	4 00	25	37	10

CRESS. (German, Kresse; French, Cresson.)

Plant on rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season is of the best quality. To be used as salad before the flowers appear.					
Upland. See page 13.....	.....	.....	.....	.....	10
Curled. The best sort.....	45	53	18	10	5
Water Cress. To be planted along the borders of shallow water-courses. The famous English Cress.....	.....	.....	1 23	40	10

CUCUMBER. (German, Gurke; French, Concomre.)

The vines require a warm location. Plant after the ground has become warm, in hills four feet apart for the smaller varieties, and five feet for the larger sorts. Manure with ashes, guano, or some well-rotted compost, working the manure just under the surface. Sprinkle vines with plaster or air-slacked lime to protect from bugs. The frame cucumbers can be successfully grown in the open air in this country, by giving them well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills.					
THORBURN'S COMMERCIAL PICKLING. (New.) See page 5.....	1 92	2 00	58	20	10
BENNETT'S WHITE SPINE. (New.) See page 5.....	1 17	1 25	38	20	10
Erly Russian. The earliest of all varieties; grows about four inches long.....	72	80	23	10	5
Extra Early Seedling. As early as Early Russian, while it grows to a much larger size.....	82	90	28	10	5
Russian Netted. Combines usefulness with fine looks. Very hardy, brown netted, good quality.....	72	80	23	10	5
Early Frame. Early, short, prolific.....	77	85	25	10	5
Early Cluster. Bears mostly in clusters; very early and productive.....	67	75	23	10	5
Green Prolific. A very prolific pickling variety. Selected by one of the largest growers in the country.....	77	85	25	10	5
Thorburn's Everbearing. (New.) See page 20.....	92	1 00	30	15	5
Livingston's Evergreen. (New.) See page 20.....	92	1 00	30	15	5
Nichols' Medium Green. See page 20.....	82	90	28	10	5
Peerless White Spine. Larger than improved White Spine; productive, excellent for forcing.....	82	90	28	10	5
Improved White Spine, or Arlington. Great bearer; excellent for early forcing, or for outdoor cultivation; standard in Boston. Stock from one of the best Boston market gardeners.....	77	85	25	10	5
Short Green. An old standard.....	77	85	25	10	5
Long Green. An old standard sort.....	82	90	28	10	5
Bismarck. A cross between the Long Green and White Spine. Large, straight, tender and crisp.....	82	90	28	10	5
Tailby's. For description, see page 20.....	82	90	28	10	5
Giant Pera. See page 20. Clear, smooth skin, with but few seeds.....	82	90	28	15	5
Improved Long Green Prickly. Long variety, growing 14 to 16 inches; makes a hard, brittle pickle.....	82	90	28	10	5
Parisian Pickling. (New.) See page 20.....	1 42	1 50	48	20	10
Boston Pickling. A medium long variety; the standard for pickling in Boston market.....	77	85	25	10	5
Chicago Pickling. A favorite in Chicago; prolific, but not quite as early as Boston Pickling.....	82	90	28	10	5
Norbiton Giant. English prize frame variety, sometimes growing to 30 inches.....	.....	.....	.....	25	.....
Giant German. See engraving, page 20. The handsomest frame variety we ever saw.....	.....	.....	.....	50	20
Extra Long Green Smooth. Very long, smooth, and straight.....	.....	.....	.....	.....	15
Long Green Smooth from Athens. A long-frame variety that does well in open air.....	.....	.....	.....	.....	15
Large White Bonnet. White and spineless, growing to a very large size.....	.....	.....	.....	.....	10
West India Gherkin. A very small, elegant, peculiar sort, for pickles only, prolific to an extraordinary degree. Somewhat difficult to get the seed to germinate.....	.....	.....	.....	20	5
Snake. We have grown these six feet in length coiled up like a snake. A decided novelty.....	.....	.....	.....	.....	10
Eight Varieties Mixed.....	.....	.....	.....	15	5

DANDELION. (German, Lewengohn; French, Dent de Lion.)

This vegetable has become very popular as an early, healthful green, and the roots also are used when dried as a substitute for coffee. Its use in either of these forms is particularly recommended to those who are inclined to any disease of the liver. Sow in May in drills one foot apart, covering the seed a half-inch deep. A rich soil is preferable, but this plant will thrive anywhere. One ounce to 100 feet of drill.					
Improved Very Early. A new French strain, highly recommended to market gardeners.....	.....	.....	.....	60	10
Improved Moss. Leaves deeply cut and mossy, affording a supply of crisp, self-blanching salad.....	.....	.....	.....	.....	60
Improved Thick Leaved. Seven hundred bushels have been grown on three-fourths of an acre.....	4 92	5 00	1 48	40	10
Common.....	2 00	2 08	58	25	10

EGG PLANT. (German, Eie pflanze; French, Aube gine.)

Plant the seed in March, in a hot bed; or, for family use, in flower-pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require a rich soil, and as favorable a location for warmth as the garden will afford. One ounce to fifteen hundred plants.					
Very Early Dwarf. A new French variety of Long Purple; extra early.....	.....	.....	.....	30	10
Black Pekin. A new variety of Round Purple. Blackish-violet leaves; fruit very large.....	4 60	4 08	1 25	40	10
Long Purple. Earlier and more productive, but smaller than round purple.....	.....	.....	.....	98	30
New York Improved Round Purple. An excellent variety, surpassing in size of fruit.....	5 00	5 08	1 48	50	10

ENDIVE. (German, Endivien; French, Chicoree.)

For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in the row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower-pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.					
London Green Curled. Very popular.....	1 67	1 75	58	20	5
Fine Curled Mossy. Very ornamental.....	2 00	2 08	58	25	5
Broad Leaved Batavian. A large summer variety.....	1 67	1 75	58	20	5

J. A. Smith, Elgin, Ill., writes: "Your Marblehead Marrowfats did finely; the vines, loaded with pods, were a sight to behold."

PRICES OF SEEDS.

GARLICS.

Plant the bulbs on exceedingly rich soil, in rows or in ridges fourteen inches apart, and six inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in stews, soups, etc.

GOURDS.

The larger varieties require the entire season to mature them, and the ornamental sorts are apt to grow too large if the ground is very rich.

Hen's Egg. For nest eggs; housewives find these handy when darning stockings.....	package only	10
Hercules Club. Grows four to six feet in length.....	package only	10
Sugar Trough. Growing to several gallons' capacity; for holding liquids they will last years.....	25	10
Double Bottle.	package only	10
Dipper. Used as its name indicates.....	package only	10
Angora.	package only	10
Fancy and Ornamental. Mixed varieties.....	package only	10

KALE, or BORECOLE. (German, *Blatter kohl*; French, *Chou vert frisé*.)

Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep, rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower-garden, being finely curled and variegated with green, yellowish-white, bright-red, and purple leaves. The tender leaves are used as cabbage.

Large-Leaved Jersey. Large, curled, light-green leaves, with white ribs.....	20	5
Carter's Thousand Head. Remarkable for the great amount of green feed per acre. Very hardy.....	92 1 00	30 10 5
Siberian, or German Greens. Sow in fall for use in spring.....	92 1 00	30 10 5
Green Curled Tall Scotch. One of the best varieties for market.....	92 1 00	30 10 5
Dwarf Green Curled. Very hardy; a standard market sort.....	92 1 00	30 10 5

KOHL RABI, or TURNIP CABBAGE. (German, *Kohl Rabi*; French, *Chou rave*.)

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter, treat as turnips. When young, their flesh is tender, and resembles a fine Ruta-baga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce to two thousand plants.

Early White Vienna. A standard early kind.....	1 92 2 00	58 25 5
New Goliath. The largest of all the varieties; deep purple.....		25 5
Large Purple. Very large, hardy and productive; for stock.....	1 92 2 00	58 25 5

LEEK. (German, *Lauch*; French, *Poireau*.)

Select good onion soil, manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce to a thousand plants.

Broad Scotch, or Flag. A large and strong plant.....	1 42 1 50	48 20 5
American Flag. A fine variety.....	1 42 1 50	48 20 5
Large Musselburg. A standard English variety.....		75 20 5
Extra Large Carentan. A very fine extra large winter variety.....		58 20 5

LETTUCE. (German, *Lattich*; French, *Laitue*.)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to twelve inches apart for the heading varieties. When heads are not desired, it may be grown in a mass. The more rapid the growth, the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

LARGE BOSTON. (New.) See page 5.....	2 42 2 50	73 25 10
Ward's White Tennis Ball. For culture under glass; Boston market gardeners' fine strain, very desirable.....	3 92 4 00	1 23 40 10
New Hot-house Forcing. See page 21.....		45 15
White Tennis-Ball, or Boston Market. The variety so extensively grown by the Boston marketmen during winter. A fine early sort, small heads, very hardy; for winter culture.....	1 27 1 35	40 15 5
Denver Market. (New.) See page 21.....		35 10
Stone-Head Golden-Yellow. We invite gardeners to test this for quality with the very best variety they know, believing that this will bear the palm for forcing.....	1 42 1 50	48 20 5
Grand Rapids. (New.) See page 21.....		25 10
Black Seeded Tenny-Ball. Hardy, excellent for early crops; large heads. A favorite in Boston market.	1 27 1 35	40 15 5
Dwarf Green Very Early Black Seed. For forcing highly recommended.....		package only 5
Early Curled Silesia. Very early, tender and sweet; a popular variety for hot-beds; early outdoor culture.....	1 17 1 25	38 10 5
Early Butter Head. An excellent sort; a great favorite.....	1 42 1 50	48 20 5
Early Curled Simpson. Resembles Silesia, but is more curled and not so early.....	1 17 1 25	38 15 5
Black-Seeded Simpson. An improvement on the Simpson, being finer in many respects.....	1 42 1 50	48 20 5
Early Prize Head. An acquisition; runs to seed slowly; very tender and of fine flavor.....	1 42 1 50	48 20 5
Satisfaction, or Salamander. One of the best summer cabbage sorts; light-green.....	1 42 1 50	48 15 5
Drumhead. Very large; heads crisp and tender. A standard sort.....	1 17 1 25	38 15 5
Hanson. See page 21. Extremely popular.....	1 42 1 50	48 15 5
Sugar Loaf. See engraving and description on page 21.....	1 92 2 00	58 20 10
Green Fringed. Extremely ornamental, the leaf edge being elegantly fringed; unique.....		20 5
Marblehead Mammoth Cabbage. (New.) See page 21.....	1 92 2 00	58 25 10
Deacon. It forms large, very solid heads of an attractive light-green color; very crisp and tender. Many of the very solid heads refuse to send up any seed spikes unless cut.....		20 10
Defiance. See page 21.....		20 5
Buttercup. Bright chrome-yellow; combining delicate flavor with beauty of foliage.....	1 42 1 50	48 20 5
Blonde Block-Head. (New.) A fine heading summer variety, of a bright yellowish-green color.....		30 5
Red Besson. This heads as well as Fottler's Cabbage, and is of fine quality; brown and green.....	1 42 1 50	48 20 5
True Boston Curled. The most elegant Lettuce of all. Quality good; very popular.....	1 42 1 50	48 15 5
All-the-Year-Round. Does not tend to seed; heads hard and crisp.....	1 42 1 50	48 15 5
Laciniated Beauregard. Very unique; has a surprised look; of good quality.....		20 5
Oak Leaved. Leaves oak shaped; very striking in appearance; tender and sweet.....		20 5
Brown Genoa Cabbage. Medium, round head stained with red. One of the best for summer or winter use.....		20 5
Improved Spotted Cabbaging. Fine head; green shaded with brown; quality first-rate.....		20 5
Perpignan. Heads sometimes seven inches in diameter. Fine summer variety. Not inclined to seed.....	1 42 1 50	48 20 5
Versailles Cabbage. A fine summer variety; light-green; makes large heads.....	1 42 1 50	48 20 5
Bath Cos, White-Seeded. An improvement on the White Paris Cos.....		20 5
White Paris Cos. Best of all the Cos varieties.....		20 5
Six Choice Varieties. Mixed in one package.....		package only 5

Robert Hunter, Grand Forks, N. D., writes: "Your Hard Heading is the finest cabbage that was ever put into market."

PRICES OF SEEDS.

MARTYNIA.

Plant two by three feet apart, leaving only one plant in a place. It produces an abundance of large, showy flowers, and the young pods, when sufficiently tender to be easily punctured by the nail, are used for pickles.

MELON. (German, *Melone*; French, *Melon*.)

Select warm and light soil—a poor, light soil is better than a cold and rich one. Thoroughly work the soil, manure with guano, phosphate, or a rich compost, having the hills six feet apart for the musk varieties, and eight or nine for water melons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time, and work in guano or phosphate between the rows. Plant a dozen or more seeds in each hill, but do not leave over two plants. Sprinkle young plants liberally with plaster or air-slacked lime to protect from depredation of insects.

	lb. exp.	lb. mail	½ lb	oz.	pkg.
COLUMBUS. (New.) See page 6.....	.....	.....	1 00	35	15
Extra Early Hackensack. (New.) See page 23.....	92	1 00	30	15	5
Extra Early Cantaloupe. The earliest of the musks; large, showy, and of fair flavor.....	92	1 00	30	15	5
Early Jenny Lind. An early sort; favorite with gardeners.....	75	83	25	10	5
Early Nutmeg or Green Citron. Green-flesh, Boston variety; earlier than Nutmeg grown further South.....	67	75	23	10	5
Christiana, or Boston Pet. (True.) Remarkable for early maturity.....	75	83	25	10	5
Netted Gem, or Pine Apple. See page 22.....	82	90	25	10	5
New White Japan. Flesh greenish-white; early and prolific; sweet, delicious.....	75	83	25	10	5
Hackensack. See page 22.....	82	90	25	12	5
Skillman's Fine Netted. Of delicious flavor; early.....	75	83	25	10	5
Sill's Hybrid. See page 22.....	82	90	25	12	5
Miller Cream. See page 22.....	1 17	1 25	38	15	10
Irondequoit. (New.) See page 23.....	92	1 00	30	12	5
Delmonico. (New.) See page 22.....	92	1 00	30	12	5
Osage. Round in shape, salmon fleshed, delicious; second early. Allied to the Miller.....	1 17	1 25	38	15	10
Emerald Gem. See page 23.....	92	1 00	30	12	5
Bay View. Flesh green; sweet and spicy; hardy, vigorous, and productive; long round in shape.....	75	83	25	10	5
Ward's Nectar. Early, exceedingly prolific, sweet, rich, and delicious; green-fleshed.....	75	83	25	12	5
Surprise. Early, productive, and delicious; salmon flesh; first class. See page 22.....	72	80	25	10	5
Chicago Nutmeg. Of larger size than Boston Nutmeg; growing in favor.....	75	83	25	10	5
Montreal Nutmeg. See page 23.....	82	90	25	10	5
Casaba. A very large, long, green-fleshed melon, of delicate flavor, thick-fleshed, melting and delicious.....	75	83	25	12	5
Long Yellow. Large, sweet, productive; a well-known sort.....	75	83	25	10	5
Banana. See description on page 22.....	75	83	25	12	5
Large Boston Nutmeg. Larger than the common Nutmeg; much grown around Boston.....	75	83	25	10	5
Bird Cantaloupe. See page 22.....	75	83	25	10	5
Champion Market. See page 22.....	92	1 00	30	12	5
Mango Melon, or Vine Peach. (New.) See page 23.....	.....	.....	.....	15	5
Pottler's Mango. (New.) See page 23.....	.....	.....	.....	25	10

Watermelon. (German, *Wassermelone*; French, *Melon d'eau*.) One ounce for 30 hills.

Vick's Early. See page 24.....	92	1 00	30	10	5
Phinney's. For hardness, vigor and productiveness unexcelled; early, reliable, red-fleshed.....	67	75	23	10	5
Kolb's Gem. See page 24.....	67	75	23	10	5
Rattlesnake. The long, large, mottled-green watermelon of commerce; very popular.....	67	75	23	10	5
Ferry's Peerless or Ice Cream. Large, early, very sweet, very prolific.....	67	75	23	10	5
Dixie. (New.) See page 24.....	92	1 00	30	15	5
Vauluse. (New.) See page 24.....	92	1 00	30	15	5
Ruby Gold. (New.) See page 24.....	92	1 00	30	15	5
New Gragg. (New.) See page 23.....	92	1 00	30	15	5
Seminole. See page 23.....	92	1 00	30	10	5
Green and Gold. (New.) See page 23.....	75	83	25	10	5
Jordan's Gray Monarch. Skin, mottled-gray in color; flesh, bright-crimson, sweet, delicious flavor.....	75	83	25	10	5
Iceing, or Ice Rind. Oblong; rind, light-green, white seeded; of good size, fine flavor, very prolific.....	75	83	25	10	5
Honey. See page 23. One of the earliest.....	92	1 00	30	15	5
Dark Iceing. See page 23.....	75	83	25	10	5
Gipsy. Very large, very productive. The principal variety grown in N. J. and sent to Northern markets.....	75	83	25	10	5
Mountain Sweet. An old standard variety; early, solid, sweet, delicious; fine for Northern cultivation.....	67	75	23	10	5
Florida Favorite. See page 23. Our stock is direct from the originator.....	75	83	25	10	5
Pride of Georgia. Dark-green, grows large, firm fleshed, good shipper, crisp and sweet.....	75	83	25	10	5
Iron Clad. See page 23.....	75	83	25	10	5
"The Boss." See page 24.....	75	83	25	10	5
Scaly Bark. Skin rough looking, remains in eating order long while after gathering.....	75	83	25	10	5
Cuban Queen. A large mottled-green round variety; red-fleshed, solid; fine quality.....	75	83	25	10	5
Odella. Early; of large size; dark-green in color; round in shape; good in quality.....	75	83	25	10	5
Cream-Fleshed Sculptured Seeded. Of fine quality; seeds curiously sculptured.....	.....	.....	.....	25	5
New Orange. Improved in size; the rind will peel like an orange when fully ripe.....	75	83	25	10	5
Citron. For preserves only; hardy, and very productive.....	75	83	25	10	5

MUSHROOM SPAWN. Full directions for cultivation on label.

French.....	35	43
English.....	25	33

MUSTARD. (German, *Seuf*; French, *Moutarde*.) For Ground Mustard, see page 20.

Sow in drills one foot apart, and cover seed half inch deep. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession, sow every two weeks during the season. Used principally for salads.

Tuberous Rooted. (New.) This produces a bulb resembling a turnip.....	.....	.....	.....	25	5
Chinese. (New.) A fine sort for greens.....	82	90	25	10	5
White or Yellow. For salad or medicinal purposes.....	32	40	15	10	5

NASTURTIUM. (German, *Indianische Kresse*; French, *Capucine*.)

Plant in May in rows; the climbing varieties to cover some arbor or fence, or climb or twine around the house; the dwarf kind in hills or in rows two feet apart. The leaves are used for salad, and the seeds when soft enough to be easily penetrated by the nail, for pickles. If each plant of the dwarf variety is allowed room to perfect itself, the plants grow very symmetrical.

Tall. An ornamental climber.....	1 15	1 23	38	15	5
Dwarf.....	1 25	1 33	40	20	5

Wm. Galvin, Carrolton, Mich., writes: "Your Thorburn Gilt-Edge Cauliflower is the best I have ever seen."

PRICES OF SEEDS.

OKRA, or GUMBO. (German, *Esbarrer*; French, *Gumbo*.)

Select warm and rich soil, and plant when the ground becomes warm, in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered when young. In the North they require the warmest locations, and it is better to start them in a hot-bed. The seeds are a long time in germinating.

Improved Early Dwarf. Grows but about fifteen inches high, and bears numerous long pods.....	68	75	23	10	5
Early Dwarf. White, small and round; pods smooth.....	60	68	23	10	5
White Velvet. Pods smooth, exceedingly tender and well flavored; very prolific.....	75	83	25	10	5
Long Green. Later and more productive.....	60	68	23	10	5

ONION. (German, *Zweibel*; French, *Oignon*.) (For full description of many varieties see pages 24-26.)

No discount on Onion Seed of our own growing.

In some parts of the country the term "Silver-Skin" denotes a white variety, in other parts a yellow variety. Please indicate in your order which you want. The soil should be free from large stones. Apply from eight to twelve cords of rich, fine compost to the acre. Plough not over five inches deep, and work well with cultivator. Plough again at right angles with first furrows, and cultivate again. Now rake level and fine, and plant seed in rows fourteen inches apart at rate of four pounds to the acre. Keep very clean of weeds. When ripe, pull and dry very thoroughly before storing. For full particulars, see our work on "Onion Raising." Plant Onion sets two inches apart in rows a foot apart. To grow sets, plant the seed at the rate of thirty to sixty pounds to the acre.

Early Flat Red. A capital sort where the seasons are short. (Our own growing.).....	2 92	3 00	95	30	10
Early Yellow Cracker. An improvement on Large Yellow, being much earlier. (Our own growing.).....	2 92	3 00	95	30	10
Extra Round Yellow Globe Danvers. (New.) (Our own growing.).....	3 42	3 50	1 10	35	10
Early Round Yellow Danvers. (True.) Large, round, profitable. (Our own growing.).....	2 92	3 00	95	30	10
Southport Early Red Globe. (New.) Our own growing.....	2 92	3 00	95	30	10
Early Red Globe Danvers. Early; most productive and handsomest of the reds. (Our own growing.).....	2 92	3 00	95	30	10
Philadelphia White. The best variety to grow sets from.....	2 92	3 00	95	30	10
White Portugal. Very early; mild flavored; not a good keeper.....	3 92	4 00	1 23	40	10
Yellow Strasburgh, or Large Yellow. A late standard variety.....	3 92	4 00	1 23	40	10
Southport White Globe. The favorite in N. Y.; would not advise growing it north of Southern Conn.....	2 42	2 50	73	25	5
Southport Late Red Globe. A great cropper; is late, would not advise to raise north of Southern Conn.....	3 42	3 50	1 10	35	10
Large Red Wethersfield. Time-honored variety. Very large, pleasant flavored, and keeps well....	2 42	2 50	73	25	5
White Multipliers. (New.) Per peck, express, \$1.25; qt., express, 40 cts.; qt., mail, 52 cts.....	2 42	2 50	73	25	5
Potato Onions. The bulbs of these are planted..... per peck, exp., \$1.75; qt., exp., 35; qt., mail, 47.					
Onion Sets. White. Prices (subject to change)..... bush., \$6.00; peck, \$1.75; qt., exp., 30; qt., mail, 42.					
Onion Sets. Yellow. Prices (subject to change)..... per bushel, \$5.00; peck, \$1.60; qt., 30; mail, 42.					
Egyptian, or Perennial Tree Onion Sets. (New.) For prices see page 26. Ready from middle Aug.					
Barletta.	2 92	3 00	95	30	5
White Pearl. The earliest of the large sized white varieties.....	3 92	4 00	1 23	40	10
New Queen. A new white onion, excepting Barletta the earliest of all. As fine as it is early.....	1 92	2 00	58	20	5
White Dutch.	2 42	2 50	73	25	10
Large Flat White Italian.	1 92	2 00	58	20	5
Teneriffe, or Bermuda. Early, brown in color, very mild flavored, adapted for cultivation at the South.	2 92	3 00	95	30	10
Prizetaker. (New.).....				40	10
Mammoth Tripoli. One of the largest of the giant foreign varieties; light-red and of mild flavor....	1 92	2 00	58	20	5
Nasby's Mammoth. An Italian yellow variety, excelling in size and mild flavor.....	1 92	2 00	58	20	5
Giant Rocca. A new Italian variety. Of the mammoth class, reddish-yellow in color.....	1 32	1 40	48	20	5

PARSLEY. (German, *Petersilie*; French, *Persil*.)

Select rich soil and sow the seed in drills, one foot apart, covering half inch deep. The seed is usually from fifteen to twenty-five days in vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and garnishing in its natural state; also for edgings in flower gardens and for bouquets.

Beauty of the Parterre. Most beautiful foliage of intricate quilled leaflets.....	.....	.....	.....	30	10
Plain or Single	52	60	18	10	5
New Perpetual. This variety does not tend as much as the others to run to seed.....	92	1 00	30	15	5
Fern Leaved. A most beautiful, mossy sort; valuable for decoration.....	92	1 00	30	15	5
Dwarf Curled. Finely curled; good for edging or table ornament.....	80	88	25	10	5
Myatt's Garnishing. Double curled.....	.....	.....	.....	12	5
Carter's Champion. Moss Curled; elegant for garnishing.....	80	88	25	10	5
Carter's Covent Garden Garnishing. Probably the best of its type.....	80	88	25	10	5

PARSNIP. (German, *Pastinake*; French, *Panais*.)

Give the richest and deepest soil to the long varieties of Parsnip; the Turnip sort will grow well on shallow soil. Make the soil very fine, and plant the seed early in rows eighteen inches apart, thinning plants to five inches in the rows. The seed should be planted half inch deep. To keep well in the ground over winter, draw a little earth over the tops. One ounce to one hundred and fifty feet of drill.

Round Early, or Turnip. A new French sort; excellent for shallow soil, shaped like a turnip.....	62	70	23	10	5
Large Dutch. Large and sweet. A standard kind.....	50	58	18	10	5
Abbott's Improved Hollow Crowned. The best Hollow Crowned; considered superior in quality ..	50	58	18	10	5
Maltese. A new, long English variety.....	50	58	18	10	5

PEAS. (German, *Erbse*; French, *Pois*.)

Of the numbers printed against the Peas, 1 indicates first early class; 2, second early; and 3, late class. Those marked with a star (*) are wrinkled varieties, the sweetest of all; but, being liable to rot, need to be planted thicker and later than the round sorts.

Very Dwarf. (Under one foot. These very low varieties require no sticking.)

While the tall sort will run too much to vine if liberally manured (it being better to depend upon the richness of land that has been previously in good cultivation), the dwarf varieties, on the contrary, will bear pretty liberal manuring. Have the dwarfs, that grow not over fifteen inches high, in rows two feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart; and the rows of the tallest sort, four feet apart. One quart to 100 feet. Seventy samples planted at same time in our experimental garden gave us a continuous supply for six weeks for family use.

1. *American Wonder. See description on p. 28. Headquarters stock, warranted true.....	1 75	6 00	35	50	10
1. *Nott's Excelsior. (New.) See page 27.....	5 00	.....	80	95	10
1. *Carter's Extra Early Premium Gem. Improvement on Little Gem. More prolific, longer podded	1 50	5 00	30	45	10
1. *McLean's Little Gem. A wrinkled pea nearly as early as Tom Thumb; quality first-rate.....	1 50	5 00	25	40	10
1. *King of the Dwarfs. See page 28.....	.....	.....	40	55	10
1. *William Hurst. A critical neighbor of ours will have this as the best early dwarf wrinkled pea....	.....	.....	40	55	10
1. Improved Tom Thumb. One of the earliest; pods well filled; very productive.....	1 50	5 50	30	45	10
1. McLean's Blue Peter. Early; of fine quality; pods larger than Tom Thumb, but not so numerous..	1 50	5 00	25	40	10

PRICES OF SEEDS.

Dwarf. (From 2 1-2 to 3 feet.)

All varieties under this class will do without bushing, but on rich garden soil will generally do better bushed.

1. **Extra Early Very Dwarf Edible Pod.** The earliest of all the edible pod varieties.
1. **Early Prize.** See page 28.
1. **Hancock.** A new seedling of American origin. A first early; first-class for early market. See page 28.
1. **Bergen Fletwing.** See page 28.
1. **Extra Early Dan O'Rourke.** One of the earliest standard market varieties; very productive
1. **Philadelphia Extra Early.** The standard early variety in Philadelphia markets.
1. **Kenush Invicta.** Very early, and of great promise. Crop ripens altogether.
1. ***Laxton's Alpha.** The best early wrinkled market pea. In yield it probably surpasses any early sort
1. **Alaska.** This being a blue pea is of fine quality, besides being extra early.
1. **Earliest of all.** Very early; blue seeded, and of rich flavor.
1. **Maud S.** First-rate, as early as Hancock, with larger pods.
2. ***Bliss' Abundance.** See page 28.
3. ***Bliss' Ever-Bearing.** Very productive; peas large and delicious; continues well in bearing
2. ***Hosford's Market Garden.** See page 28.
2. ***McLean's Advancer.** Now recognized as the standard second early market pea. See page 28.
2. ***Shropshire Hero.** See page 28.
2. ***Delicious.** See page 27. This is one of the latest sorts.
3. **Carter's Pride of the Market.** A late, long-podded English variety, of robust habit, very productive.
2. **Fill-Basket.** A large, very handsome, and productive sort; very prolific.
2. ***Dwarf Champion.** See page 28.
2. **Brown's Dwarf Marrowfat.** The earliest of all marrowfats; dwarfish habit. Fine American variety
3. ***Yorkshire Hero.** Large late wrinkled dwarf; peas remarkably large; capital sort for kitchen garden
2. ***Carter's Stratagem.** Long-podded; very large peas; first-rate for the family garden.

3. **Marblehead Early Marrowfat.** (New.) See page 27
3. ***White Prolific Marrow.** (New.) See page 28.....
3. **Telephone.** See page 28.....
3. **Tail Butter Sugar.** This with its thick, pulpy, large pods, is to be cooked pods and all.....
3. ***Champion of England.** An old favorite; rich flavored and very productive. Four to five feet....
3. **Black-Eyed Marrowfat.** An old favorite; large-podded; prolific; capital for market. Three to four ft.
3. **Royal Dwarf Marrowfat.** Not so tall as Large White Marrowfat; earlier than Champion of England
3. **Large White Marrowfat.** A standard late sort

Peppers should be started in a cold-frame, or hot-bed. Transplant the young plants into the open ground towards the close of May, in a very warm location, having the rows eighteen inches apart; thin plants a foot apart in the rows. The ground should be made very rich, either by high manuring before plants are transplanted, or by liberal application of guano, liquid manures afterwards. One ounce to fifteen hundred plants.

- CARDINAL.** (New.) See page 6.....
- Squash, or Flat.** The variety generally planted for family use; large and thick-fleshed; best for pickling.
- Large Bell.** A standard sort.....
- Large Sweet Mountain.** Very large, and excellent for mangoes.....
- Ruby King.** See page 29.....
- Child's Celestial.** See page 29..... package only
- Procopp's Giant.** One of the largest; flesh thick, glossy scarlet, sweet and mild. A Mango variety.....
- Spanish Monstrous.** On good soil will grow six inches long and two inches in diameter.....
- Long Red, or Santa Fe.**.....
- Cherry.** Small, smooth, and round; a great bearer.....
- Cayenne.** Small, long, and tapering; very hot; best for seasoning pickles.....
- Chili.** Sharply conical, about two inches in length, one-half inch in diameter. Brilliant scarlet when ripe.....
- Red Cluster.** This resembles the Chili, but fruits in cluster on the ends of the branches..... package only
- Black Nubian.** (New.) See page 29..... package only
- Coral Gem.** (New.) See page 29..... package only
- Golden Dawn Mango.** Bell shaped; remarkably prolific and of a magnificent yellow color.....

PUMPKIN. (German, *Kürbin*; French, *Courge*.) Cultivate as Squash, which see for general directions.

GIBSON. (New.) See page 7.....

- Sugar.** First-rate for table or stock. See page 29.
Cheese. Popular in the Middle States. Cheese-shaped, resembling in character the Crookneck Squash.
Large Field. Good for stock.
Japanese. Shaped like Crookneck and Cashaw, but finer and sweeter; seed peculiarly marked.
Negro. The true old-fashioned black-warted shelled pumpkin, auld lang syne pie variety.
Mammoth Red Ktampes. (New.) See page 29.
Michigan Mammoth. Excellent for stock. Grows very large, is a heavy cropper. See page 29.


For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half-inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequently watering in dry weather will be found beneficial. For a succession, sow every two weeks. The olive-shaped varieties are more tender, sweeter, and earlier than the long kinds, and not so apt to be worm-eaten. One ounce for one hundred feet of drill.

- STRASBURG.** (New.) See page 6.
LONG BRIGHTEST SCARLET. (New.) See page 6.
Ne Plus Ultra. (New.) See page 33.
Early White Short Leaved. See page 33.
Earliest Erfurt Scarlet Turnip. Short leaved; extra early; medium scarlet; for glass or open air.
Early Scarlet Olive Shaped. French seed. Very early and handsome; quick growth, tender, excellent
French Breakfast. French seed. A beautiful variety of the Olive Radish, scarlet body and white root.
Red Turnip-Rooted. Early scarlet. French seed. Standard early, popular in markets of New York.
Scarlet Turnip, White Tipped. French seed. The name defines this elegant new turnip radish.
Deep Blood Red. See page 33.
Beckert's Chartier. French seed. See page 33. This does not grow pithy as it grows large.
Boston Long Scarlet. The longest of the long scarlets; fine quality stock headquarters.
Carter's Selected Long Scarlet. Messrs. Carter & Co.'s best. Favorite with Boston market gardeners.
Wood's Fine Frame. For cultivation under glass; very early. Shape between Olive and Long.
Covent Garden, or Long Scarlet Short Top. French seed. Considered best of all the Long Scarlet varieties
Golden Yellow Summer Turnip. French seed. (New.) See page 33. Color very rich; very earliest
White Turnip-Rooted. French seed. For summer and winter use.

peck exp.	b'sh exp.	qt. exp.	qt. mail	pkg.
1 50	5 50	45	60	10
1 25	4 50	30	45	10
1 50	5 00	30	45	10
1 20	4 00	30	45	10
1 50	5 00	30	45	10
1 50	5 00	30	45	10
1 25	4 00	30	45	10
1 50	5 00	30	45	10
1 50	5 00	30	45	10
1 50	5 00	30	45	10
1 25	4 50	30	45	10
1 25	4 50	30	45	10
1 50	5 00	30	45	10
1 25	4 50	25	40	10
2 00	....	40	55	10
1 75	....	45	60	10
1 50	5 00	30	45	10
1 75	....	30	45	10
1 50	6 00	35	50	10
1 50	....	30	45	10
1 25	4 50	30	45	10
1 75	6 00	35	50	10
1 75	6 00	35	50	10
1 75	6 00	35	50	10
....	....	45	60	10
1 00	3 75	25	40	10
75	2 25	20	35	10
75	2 25	20	35	10
75	2 25	20	35	10
lb. exp.	lb. mail	¼ lb	oz.	
2 50	2 58	73	35	10
2 50	2 58	73	25	5
2 50	2 58	73	25	5
2 92	3 00	98	35	10
....	....	....	....	10
2 50	2 58	73	30	10
2 50	2 58	73	30	10
2 50	2 58	73	30	10
2 50	2 58	73	30	10
2 50	2 58	73	30	10
....	....	....	....	15
....	....	....	....	15
2 50	2 58	73	30	5
92	1 00	30	15	10
67	75	20	10	5
42	50	18	10	5
32	40	....	10	5
....	....	....	15	5
92	1 00	30	12	5
1 50	1 58	48	15	5
92	1 00	35	20	10
62	70	23	15	5
92	1 00	30	15	10
92	1 00	30	15	10
82	90	28	12	5
82	90	28	12	5
52	60	18	10	5
52	60	18	10	5
60	68	23	10	5
57	65	20	10	5
72	80	23	10	5
62	70	23	10	5
1 20	1 28	38	20	5
52	60	18	10	5
52	60	18	10	5
52	60	18	10	5
60	68	23	10	5
60	68	23	10	5

H. J. Barton, Cuyahoga Falls, Ohio, writes: "Your Faust Crimson Beet is immense." 

PRICES OF SEEDS.

	lb. exp.	lb. mail	¼ lb.	oz.	pkg.
RADISH —Continued.					
Black Spanish. The Round variety; for winter use.	52	60	18	10	5
Giant White Stuttgart. French seed. See page 33.	62	70	23	10	5
Chinese Rose Winter. French seed. The best for winter use. Grows large and tender.	67	75	23	10	5
Large White Russian, or California Winter. French seed. A new winter sort, eight to twelve inches long, and two inches in diameter. From the Chinese in California. An acquisition.	82	90	30	12	5
RHUBARB. (German, <i>Khabarber</i> ; French, <i>Rhubarb.</i>) For prices of roots, see page 2.					
Sow the seeds in drills eighteen inches apart, and cover one inch deep. Thin the plants to a foot apart. When the plants are one year old, prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any time to increase the bed, the roots may be taken up in the spring and divided. The seed will not always give plants like the parent.					
Mammoth. The largest of all.	1 42	1 50	48	30	10
Linnæus. Large, tender, and of excellent flavor. A well-known market variety.				20	5
SALSIFY, or VEGETABLE OYSTER. (German, <i>Bocksart</i> ; French, <i>Salsafis.</i>)					
Sow in early spring, in light, rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked, the flavor somewhat resembles the oyster.					
Common					
Mammoth Sandwich Island. (New.) Grows much larger and smoother than the common. See page 33.	92	1 00	30	15	5
SORREL. (German, <i>Sauerampfer</i> ; French, <i>Oseille.</i>) Large Leaved French.	1 32	1 40	48	25	10
Sow in hot-bed early in the spring, and transplant to the open ground, on warm, mellow soil, when the ground has become warm, setting the plants in rows two feet apart, and about sixteen inches apart in the row. As the seed is rather slow to germinate, it should be watered liberally in the hot-bed.					
SPINACH. (German, <i>Spinat</i> ; French, <i>Epinard.</i>) Liberal quotations for Spinach in quantities on application.				15	5
Sow for summer use early in spring, in drills, eight inches to one foot apart, covering the seed one inch deep. Select rich soil, and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw, or some similar light covering. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose. One ounce for one hundred feet of drill.					
Round-Leaved. The popular summer variety.	27	35	15	10	5
Long Standing. As its name implies, the latest in seeding, consequently the best for garden use.	27	35	15	10	5
Bloomsdale. Having a springy leaf, it lies lighter and keeps longer after cutting.	27	35	15	10	5
Extra Large Round-Leaved. Grows to a large size.	27	35	15	10	5
Prickly-Seeded. The hardest variety; thick leaved. For fall sowing.	27	35	15	10	5
New Zealand. Makes large plant; endures draught; best quality. Thought to promise well as forage plant.	75	83	25	10	5
SQUASH. (German, <i>Garten-Keurbiss</i> ; French, <i>Courge.</i>)					
All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plough. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster or air-slacked lime in early stages of growth. Cultivate frequently until runners are well started. For full particulars in every department, see our work, "Squashes, and How to Grow Them."					
White Early Bush. The earliest sort.	52	60	18	10	5
Summer Crookneck. Early, fine for summer use.	52	60	18	10	5
Golden Bush. A fine early summer sort.	52	60	18	10	5
Italian Green Striped. (New.) See page 34.				30	10
Strickler Summer. (New.) See page 34.	72	80	23	15	10
Dunlap's Early Prolific Marrow. See page 33. Can be planted later than Boston Marrow.	72	80	23	10	5
Fordhook. (New.) See page 35.				20	5
Illinois Beauty. (New.) See page 34.					15
Boston Marrow. A standard fall squash; of a rich-orange color, and very productive.	72	80	23	10	5
American Turban. Decidedly the best of all fall squashes. See page 34.	72	80	23	10	5
Essex Hybrid. See page 35.	72	80	23	10	5
Warren. (New.) See page 35.	1 17	1 25	38	15	10
Bay State. See page 35.	72	80	23	10	5
White Chestnut. See page 34.	1 17	1 25	38	15	5
Marblehead. For full description, see page 33.	72	80	23	10	5
"The Butman." See page 34. Supremely excellent in December.	72	80	23	10	5
Hubbard. Our introduction; now the standard winter squash throughout the United States.	72	80	23	10	5
Sibley or Pike's Peak. See page 35.	92	1 00	30	10	5
Cocoanut. See page 34.	92	1 00	30	15	5
Mammoth Yellow or Chili. Has been grown to weigh from 100 to 300 pounds. See page 35.	75	83	25	10	5
Canada Crookneck. The small, well-known, excellent kind.	1 42	1 50	48	20	10
Large Winter Crookneck. The old standard sort, the best of keepers; coarse-grained.	72	80	23	10	5
SUNFLOWER. Sow thinly in drills three feet apart, and thin to two or three feet apart in the row.	72	80	23	10	5
Common					
Mammoth Russian. A fine variety. Valuable for poultry or vegetable oil. Flowers and seed very large.	27	35	15	10	5
SWISS CHARD.	27	35	15	10	5
Cultivate as beets. The tops while young are boiled as greens, centre leaf cooked, and served like asparagus.					
Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow; highly ornamental.					5
Common Chard.					
TOMATO. (German, <i>Liebes-Apfel</i> ; French, <i>Tomate.</i>)	72	80	23	15	5
 All of the list below, with but few exceptions, are of our own growing or grown for us by the originator.					
Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy, stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day, if possible; if not, the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and encircling them with three or four barrel hoops, makes a very nice support for training them on.					
EARLIEST OF ALL. (New.) See page 6.				35	10
ATLANTIC PRIZE. (New.) See page 7.				35	10
COMRADE. (New.) See page 7.					15
NEW ROYAL RED. (New.) See page 7.					10
CUMBERLAND RED. (New.) See page 6.	4 92	5 00	1 50	50	10
				35	10

A. L. Elam, Attroun, Ala., writes: "I have never seen a watermelon equal your Florida Favorite for market."

PRICES OF SEEDS.

TOMATO—Continued.

	lb. exp.	lb. mail	1/4 lb.	oz.	pkg.
BELMONT. (New.) See page 6.				35	10
Canada Victor. Of our introduction fifteen years ago. For early and smooth it holds its own.	2 22	2 30	68	25	10
Gen. Grant. Smooth, symmetrical, and solid. A popular market sort around Boston. First early	2 22	2 30	68	25	5
Alpha. A first early variety	2 42	2 50	73	25	5
Early Ruby. See page 36.				25	5
Horsford's Prelude. See page 35.				25	5
Mitchell's New. (New.) See page 37.				30	10
Red Cross. See page 36.				30	10
The Lorillard. (New.) See page 36.				30	10
Dwarf Champion. See page 36.				25	5
Volunteer. A cross of Canada Victor, Trophy, and Perfection. Color, bright-red; smooth and handsome	2 42	2 50	73	25	5
Optimus. Medium scarlet, vigorous, healthy, smooth, productive; free from rot; good size.	2 42	2 50	73	25	5
Mikado, or Turner's Hybrid. Of the Trophy class, very large, solid, good flavor, heavy cropper.	2 42	2 50	73	25	5
Essex Hybrid. Earliness, deep purple color, handsome form, and good size make this popular.	2 42	2 50	73	25	5
Mayflower. Large, smooth skin, solid flesh, few seeds, fine flavor, bright red.	2 42	2 50	73	25	5
Paragon. Supply directly from Livingston, his first, and one of his best. A standard at the South.	1 92	2 00	58	20	5
Livingston's Beauty. See page 36.	1 92	2 00	58	20	5
Cardinal. Color, cardinal red; medium early, fruit large; ripens evenly.	2 42	2 50	73	25	5
Livingston's Perfection. A splendid spherical tomato for canning or shipping, blood red, has few seeds. Supply directly from the originator.	1 92	2 00	58	20	5
Livingston's Favorite. See page 36. Supply directly from the originator.	2 42	2 50	73	25	5
Burpee's Matchless. (New.) See page 36.				30	10
Livingston's New Stone. (New.) See page 36.	3 42	3 50	98	35	10
Americus Hybrid. See page 35.				30	10
Ignotum. See page 36.				30	10
Livingston's Acme. Supply directly from the originator. Differs from the Paragon in color only.	1 92	2 00	58	20	5
Ponderosa. (New.) Monstrous; inclined to rot; better for show than use.				10	5
Trophy. This magnificent variety is particularly valuable in the home garden	2 22	2 30	68	25	5
Yellow Victor. A beautiful medium size, golden-yellow, almost perfection in shape.	2 22	2 30	68	25	5
Potato Leaf. See page 35.				25	5
Peach. See page 35.				25	5
Improved Ground Cherry. See page 35.				10	5
Yellow Fig. Pear-shaped, and used to preserve as figs.	2 92	3 00	95	30	5
Cherry. Flavor unsurpassed. Fruit small, but a wonderful cropper.				25	5
New White Apple. Sweet, with rich, fruit-like flavor. Highly ornamental for the table.	1 92	2 00	58	20	5
Yellow Plum. Small, elegant. Nice for preserves	1 92	2 00	58	20	5
Currant. Very elegant; resembles long bunches of currants; for ornament only.				10	5

TURNIP. (German, *Rube*; French, *Navet*.)

For early use sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, the Ruta-bagas thirty inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, if possible, new soil, and manure with plaster and ashes, or phosphates. Should the young plants be troubled with insects, a sprinkling of the same will be found beneficial. Of the early varieties thin the plants to six inches apart, and the Ruta-bagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Ruta-bagas from the middle of June to the first of July, using from one to one and a half pounds of seed to the acre. Turnips are extensively used as winter feed for cattle and sheep. "Swede" and "Ruta-bagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market. One ounce to one hundred and fifty feet of drill.

English Varieties.

Milan Strapped Leaf. See description on page 37. Seed very scarce this year.	67	75	23	12	5
Purple Top Munich. A very early deep Purple Top variety, earlier than Red Top.	45	53	18	10	5
Early White Dutch, or Early Flat Dutch. Sharp leaves, small neck and top, color clear white, desirable	37	45	18	10	5
Early Red (or Purple) Top Flat. Fine, sweet, mild; rapid grower; very early and popular.	42	50	18	10	5
Early White Top Flat. Differs from Red Top only in color.	42	50	18	10	5
Purple Top Globe. Contesting the field with the Red Top; a fine, thick, round, quick-growing variety.	45	53	18	10	5
White Stone, or Snowball. A thick, early White Top. The favorite in the London market.	67	75	23	12	5
Golden Stone. A fine, oblong, yellow-fleshed variety; very handsome; an acquisition	45	53	18	10	5
Improved Yellow Globe. Fine for family use or field culture. An excellent American variety.	42	50	18	10	5
Orange Jelly. A round, yellow, English turnip, of finer quality than Golden Ball.	42	50	18	10	5
Yellow Finland. Very elegant; less eaten by worms than most sorts.	42	50	18	10	5
Green Top Aberdeen. Round, yellow-fleshed, and firm; a good keeper. This variety in earliness and for stock purposes is half-way between the early varieties and the Ruta-baga.	42	50	18	10	5
White Egg. See page 37. Headquarters stock. Large, handsome, early; keeps first-rate.	47	55	18	10	5
Pomeranian White Globe. A very fine white globe variety; round and thick	45	53	18	10	5
Long White Cowhorn. A fine strain, matures quickly, carrot-shaped, fine-grained, and sweet	42	50	18	10	5
White Tankard. In shape resembling a tankard; white-fleshed; a very heavy cropper	42	50	18	10	5
Jersey Navet. A new English variety of white turnip; an underground turnip; early; very sweet.	42	50	18	10	5

Swedes or Ruta-bagas.

American Ruta-baga. Popular among market gardeners for table and stock; flesh very solid; keeps well	42	50	18	10	5
Laing's Improved Swede. One of the earliest; a handsome round variety, of fine quality for the table.	42	50	18	10	5
Improved Purple Top Swede. See page 37.	52	60	18	10	5
Hartley's Swede. One of the largest of Swedes; short-necked; round in shape; very fine; an acquisition	42	50	18	10	5
Skirving's Purple Top Ruta-baga. Standard field variety for stock, fine for family use; yellow-fleshed	42	50	18	10	5
Shamrock Swede. A popular English sort; short neck, and oblong in shape; yellow-fleshed.	42	50	18	10	5
London Purple Top Swede. Round shape; grows larger size than Skirving's, and has a shorter neck.	42	50	18	10	5
Carter's Imperial Swede. Messrs. Carter & Co. rank this as the best of their Swede turnips.	42	50	18	10	5
Budlong. (New.) See page 37.	67	75	23	12	5
White Rock. Improvement on Large White French. Less apt to grow hollow than sweet German.	52	60	18	10	5
Large White French, or White Swede. A white market Ruta-baga.	47	55	18	10	5
Sweet German, or Russian. White, sweet, excellent; a first-rate keeper, from headquarters.	47	55	18	10	5

Witt C. Wing, LaMain, Mo., writes: "Your seeds grow stronger, healthier, and are more productive than any others."

PRICES OF SEEDS.

SWEET OR POT AND MEDICINAL HERBS. Figure 1 denotes seasoning; figure 2 medicinal herbs.

For Ground Sage, see page 20.	lb. exp.	lb. mail.	$\frac{1}{4}$ lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.
1 Sage (Broad Leaved).....	2.42	2.50	.68	.30	.10	2 Saffron.....	.15	.05	2 Lavender.....	.20	.05
1 Thyme, French, high flavored..	....	....	.73	.30	.05	2 Opium Poppy.....	.30	.05	1 Rosemary.....	.40	.05
1 Thyme, broad-leaved English..	3.00	3.08	.98	.30	.05	1 Coriander.....	.10	.05	1 Sweet Fennel.....	....	.05
1 Summer Savory.....	1.00	1.08	.30	.15	.05	1 Sweet Basil.....	.20	.05	2 Fenugreek.....	....	.05
1 Sweet Marjoram.....	1.42	1.50	.48	.20	.05	1 Dill.....	.10	.05	2 Catnip.....	....	.05
1 Caraway.....	.50	.58	.18	.10	.05	2 Hyssop.....	.25	.05	2 Melis Balm.....	....	.05
2 Hoarhound.....	2.85	2.93	.98	.30	.05	2 Rue.....	.25	.05	2 Wormwood.....	....	.05

GRAINS, GRASSES, CLOVER SEEDS, FORAGE PLANTS, ETC.

	Per bush Weight	peck exp.	b'sh exp.	3 lbs mail	1 lb mail	pkg
Wild Rice. Valuable forage plant for swamps; all kinds of stock fond of it.....				1 00	40	10
Japanese Buckwheat. See page 37.....	48 lbs.	50	1 50	75	30	10
Silver Hull Buckwheat. Husks thinner than common sort. Stands drought first-rate.....	48 "	50	1 50	75	30	10
Saskatchewan Spring Wheat. See page 38.....	60 "	75	2 25	75	30	10
Pringle's Progress Oats. (New.) See page 38.....	32 "	60	1 50	60	25	10
Race-Horse Oats. See page 38.....	32 "	60	1 50	60	25	10
Welcome Oats. See page 38.....	32 "	60	1 50	60	25	10
BAXTER'S BARLEY. (New.) See page 7.....	48 "	1 00	3 00	75	30	10
Mansbury Barley. (New.) See page 38.....	48 "	80	2 25	75	30	10
Spring Rye. We again offer this.....	56 "	60	1 75	60	25	10
Winter Rye. A fine sample.....	56 "	50	1 50	60	25	10
Amber Cane. The standard sugar variety; also much used for fodder, per lb., per exp., 12 cts.	50 "	1 25	4 00	55	20	10
Orange Cane. A little later than the Amber, but richer in juice..... per lb., per exp., 12 cts.	50 "	1 25	4 00	55	20	10
Hungarian Grass. Magnificent forage for light land. Two crops may be grown same season.	48 "	50	1 50	60	25	10
German or Golden Millet. Broader and stouter than Hungarian, but later.....	48 "	75	2 00	60	25	10
Timothy Grass.....	45 "	....	....	60	25	10
Red Top Grass. Extra clean seeds, as clean as Timothy.....	14 lbs.	75	2 50	60	25	10
Orchard Grass.....	16 "	1 25	4 00	1 00	40	10
Lawn Grass. Fine mixture.....	....	....	....	75	30	10
Johnson Grass. A new forage plant; very popular in the South.....	60 lbs.	....	....	90	35	10
Crimson Clover. This variety is fine for soiling cattle; has a beautiful blossom.....	60 "	....	....	90	35	10
Japan Clover. See page 33.....	60 "	....	....	90	35	10
Alsike Clover.....	60 "	....	....	90	35	10
Red Clover.....	60 "	....	....	90	35	10
White Clover.....	60 "	....	....	90	35	10
Lucerne. See page 27.....	60 "	....	....	90	35	10
Kaffir Corn. (New.) See page 38..... per peck of 15 lbs. per exp., \$1.50.	....	....	....	75	30	10
Milo Maize, or Rural Branching Sorghum. See page 38..... per peck of 15 lbs. per exp., \$1.75.	....	....	....	75	30	10
Doura Yellow. (New.) See page 38..... per peck of 15 lbs. per exp., \$1.75.	....	....	....	75	30	10
Teosinte. See page 38..... per oz., 20 cts.	....	....	....	2 00	10	10
Soja Beans. See page 38..... per qt., per exp., 25 cts.; per mail, postpaid, 40 cts.	....	1 25	4 00	....	....	10
Canada Field Peas.....	....	65	1 75	....	....	....
Rape Seed.....	....	....	....	75	30	10
Canary Bird Seed..... per quart, postpaid, 35 cts.	....	....	....	....	....	....
Cranberry Vines. See foot of page.....	....	....	....	....	....	....
Grafting Wax..... per lb. per exp., 40 cts.	....	....	....	....	48	....
Raffia, for tying, very soft and strong..... per lb., postpaid, 40 cts.; ¼ lb., 15 cts.	....	....	....	....	....	....

Prices for Red Clover, Lucerne, Timothy, and Red Top, in quantity, given upon application. Our quotations are for first quality.

VEGETABLE PLANTS. (No discount.)

Grown from stock seeds supplied by us. Sent by express or freight at purchaser's expense. No plants sent C. O. D. or per mail. All cold-frame and hot-bed plants are transplanted and well "hardened."

TOMATO. Hot-bed plants (ready in May.)	Per doz.	Per 100.	CELERY. Outdoor sown (ready from July 15.)	Per 100.	Per 1000.
New Stone.....	....	....	Boston Market, extra large plants.....	.75	7.00
Beauty.....	.40	2.50	CABBAGE. Hot-bed plants (ready in April.)		
Paragon.....	.40	2.50	Early Jersey Wakefield.....	1.25	9.00
Essex Hybrid.....	.40	2.50	Henderson's Early Summer.....	1.25	9.00
Livingston's Favorite.....	.40	2.50	All Seasons.....	1.25	9.00
CELERY. Cold-frame plants (ready in June.)	Per 100.	Per 1000.	CABBAGE. For late crop (ready in June.)		
Boston Market.....	1.00	7.00	Early Deep Head.....	.40	3.00
White Plume.....	1.00	7.00	Warren.....	.40	3.00
Golden Yellow Large Solid.....	1.00	7.00	Improved American Savoy.....	.40	3.00
Giant Pascal.....	1.00	7.00	All Seasons.....	.40	3.00
			Gregory's Hard Heading.....	.40	3.00

PRICES OF CRANBERRY PLANTS ROOTED.

Early Black. This variety ripens earlier than the Bell, thus avoiding early frosts. Price, per 1000, postpaid, \$4.00; per express, \$3.50; per 100, postpaid, 60 cts.

Cape Cod or Bell. The common sort. Price, per 1000, postpaid, \$3.50; per express, \$3.00; per 100, postpaid, 50 cts. Directions for cultivation sent with each lot. No plants sent C. O. D. Prices in quantity given on application.

Prices of evergreen and deciduous tree seeds given on application.

TREE SEEDLINGS. 5 to 12 inches high, doz., mail, 30 cts; express, 25 cts.; 100, mail, \$1.00; express, 75 cts.; 1000, express, \$6.00. American Arbor Vitæ, Balsam Fir, American Spruce, Hemlock Spruce, White Pine.

Wm. Henry Maule, Phil., Pa., writes: "After trial we consider the Reynolds Early Cabbage one of the best early in the entire list."

See our New Fertilizers, page 67.

CHOICE VARIETIES OF FLOWER SEED

We have aimed to include in our collection of Flower Seed standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with our Vegetable Seed. Let us remind our friends that Flower Seed, being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. Then seed the size of sweet peas may be planted one and a half to two inches deep; and the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in, and facilitate vegetation, if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small with a bold hand, and after they have attained the height of two inches thin again boldly. Give each plant plenty of room, according to its habit of growth; a common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A" annexed to the name of varieties, signifies Annual; "B," Biennial; "P," Perennial.

ANNUALS grow, bloom and die the first year from seed. BIENNIALS bloom the second year from seed, and then die; though many, if sown early in the Spring, will flower the first year. PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS SEE PAGES 8 and 9.

No. **Abronia Umbellata. (A.)** Price per pkg.
1 Handsome, trailing plants, with clusters of sweet-scented flowers, resembling the Verbena..... .05

Aconitum (Monk's Hood). (P.)

2 Grows well in any good soil, even when in the shade..... .05

Acroclinium. (A.)

Very beautiful everlasting flowers. For Winter bouquets, cut as soon as they begin to expand.

3 **Acroclinium. Double mixed**..... .05

Adlumia Cirrhosa

(Mountain Fringe). (B.)

4 An attractive climber, with beautiful, feathery foliage and rose-colored flowers. Seed should be sown in May, near a trellis or arbor. The plants will flower freely without further care, the following season..... .10

ADONIS.

Hardy plants, with very pretty foliage, flowering freely, and of easy cultivation.

5 **Adonis Estivalis. (A.)** Deep crimson..... .05

6 **— Vernalis. (P.)** (See cut.) A charming hardy variety, blooming early in Spring, with delicate foliage and large yellow flowers..... .10

Ageratum. (A.)

7 **Ageratum. Choice mixed.** Suitable for beds, and especially nice for cutting..... .05

Agrostemma. (A.)

8 **Agrostemma. Mixed.** Very pretty, free blooming, hardy plants, growing about one foot high. Should be set five inches apart.. .05

Aristolochia (Dutchman's Pipe). (P.)

9 A beautiful, hardy climber. Leaves large and luxuriant, flowers brownish yellow, in shape resembling a pipe..... .10

No. **Amaranthus. (A.)** Price per pkg.

Ornamental foliated plants. They are most brilliant on poor soil. Half-hardy.

10 **Amaranthus Tricolor Splendens.** This fine, showy Amaranthus is a valuable acquisition. The seed we offer was saved only from specimens remarkable for the brilliancy of their coloring..... .10

11 **— Bicolor Ruber.** The lower half of leaf a fiery red scarlet, the upper half maroon. It is sometimes tipped with yellow.... .05

12 **— Melancholicus.** Blood-red foliage of brilliant beauty when lighted by the sun..... .05

13 **— Salicifolius.** From its graceful appearance sometimes called "Fountain Plant." The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age..... .05

Ammobium.

(Everlasting Flower). (A.)

14 **Ammobium Alatum Grandiflorum.** Large, white-flowering variety..... .05

Ampelopsis Veitchii.

15 For description see shrubs..... .05

Anagallis. (A.)

16 **Anagallis. Mixed.** Beautiful, trailing, hardy annuals about six inches high, desirable for small beds, edging, baskets, etc.05

Arabis Alpina. (P.)

17 Hardy, herbaceous plant, with pure-white flowers; blooms very early in the Spring; suitable for borders and rock-work..... .05

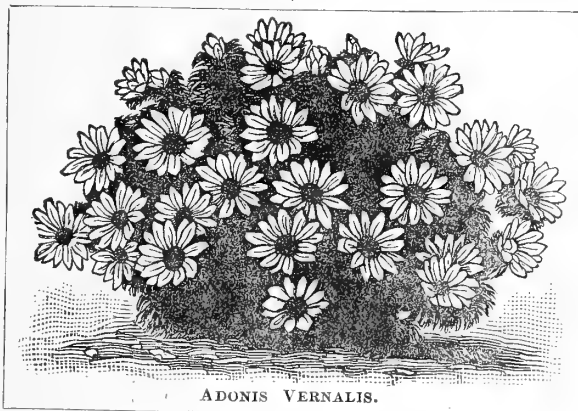
Alyssum. (A.)

Very fragrant, free-flowering, pretty plants for beds, edging or rockwork. Much used for bouquets on account of their delicate, honey-like fragrance.

18 **Alyssum Sweet, Little Gem.** Very dwarf and compact, and blooms so profusely that the plants are a solid mass of white from Spring till late in Autumn..... .10

19 **— Sweet. White,** per ounce, 40 cents..... .05

20 **— Saxatile. Yellow.** Extremely showy..... .10



ADONIS VERNALIS.



ARNEBIA CORNUTA.

No.

ARNEBIA CORNUTA (Arabian Primrose,) (See Cut.)

Per pkg.

- 21 A rare and highly interesting annual. Its curious and exceedingly beautiful flowers are over three quarters of an inch across, of a rich primrose yellow and marked with five black spots. The latter turn the second day to deep maroon, and on the third day vanish, leaving the flower a clear bright yellow. The plants grow in bushy form, about two feet high, and bloom profusely during the whole summer. Cut flowers retain their freshness for about ten days. The seed is very irregular in starting. Plants require a warm shady situation, and should stand one and one half feet apart each way20

Asperula Azurea. (A.)

Dwarf with fine foliage and deliciously fragrant, bright, sky-blue flowers; well adapted for shady places.

- 22 Asperula Azurea05

ASTERS. (A.)

Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil one foot apart.

- 23 Aster, Snowball or Princess. (See cut.) A beautiful new aster, semi-spherical in form, with quite short and thickly set imbricated petals. A single plant develops as many as thirty pure white flowers, which remain longer in good condition than any other varieties25

Aster, Ball or Jewel. The petals of these handsome and highly attractive new asters are so symmetrically incurved as to give them the exact shape of a ball. Flowers measure from two and one half to three inches across, and being borne on long stalks will prove very useful for cutting.

- 24 — Apple Blossom. Shell pink20
25 — Deep Rose20
26 — Perfection. Flesh-colored. Flowers of the delicate "Blush Rose" tint, and perfect in form. A great acquisition15

- 27 Aster, Perfection. Light Yellow. Beautiful creamy yellow; quite a new color in asters15

- 28 — Mignon. Mixed15

This new variety resembles the Victoria race in habit, height and form, but blooms more profusely. Flowers globular and beautifully fabricated, in colors of light blue, lilac, rose, carmine-rose, crimson, and white.

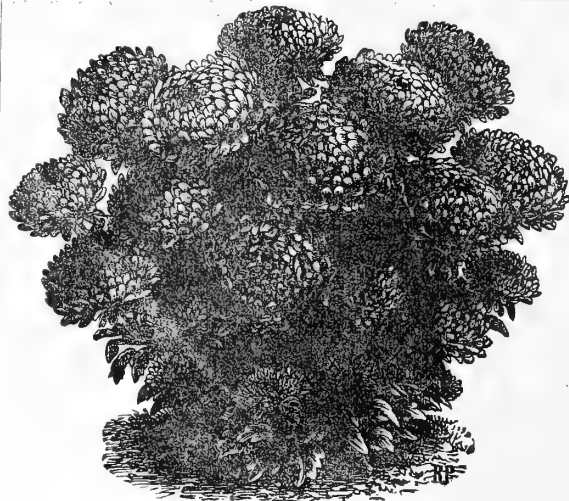
- 29 — Queen of Market. Mixed. Fine in shape, and comes into bloom several weeks earlier than any other variety15

- 30 — Queen of Market. White20

- 31 — Boston Florists. White. The best and purest white grown for florists' use or bedding purposes. Very double and globular in form10

Aster, Truffaut's Paony-flowered Perfection. Flowers perfect in form, size and fulness, petals incurved. We offer the following colors of this fine class.

- 32 — Fiery Scarlet10
33 — Brilliant Vermilion10
34 — Dark Purple-red20
35 — Black-blue20
36 — Glowing Dark Crimson15
37 — Finest Mixed10



TRIUMPH ASTER.

- 46 Aster, Goliath. An acquisition of extremely vigorous growth, forming large bushes, profusely covered with very double flowers, immense in size. The seed which we offer is a fine mixture of white, rose, dark-blue, ash gray, and crimson15

- 47 — "The Meteor." The plant is completely studded with small, globular, extremely double flowers, bright crimson in color10

- 48 — Pyramidal, Large and Double. Similar in style to the Paony variety, but more branching, with splendid, large, extra double flowers. Sixteen varieties mixed10

- 49 — Hedgehog (or needle). With white centre. Six splendid varieties mixed10

- 50 — Giant Emperor. Flowers few, but very double, and often four inches in diameter. Twelve fine varieties mixed15

- 51 — Harlequin. Dwarf in habit, flowers very double, with oddly-striped petals10

- 52 — Triumph, Dark Scarlet. (See cut.) The most beautiful and perfect of all dwarf Asters. The flowers are produced in great abundance, and are of the most faultless paony form. Fine and effective for bedding15

- 53 — Dwarf, Brilliant Rose. Quite vivid and striking10

- 54 — Dwarf, Fiery Scarlet. Very brilliant10

- 55 — Boltze's New Dwarf, Bouquet. About eight inches high, are very double, rich and free-flowering; very fine for pots or beds. Six splendid varieties mixed10

- 56 — German, Double Quillea and Striped. Twenty splendid varieties mixed05

- 57 — Globe-Flowered, Double German. Twelve splendid varieties mixed10

- 58 — All varieties mixed. A fine mixture of tall and dwarf sorts, in great variety of colors10

Azalea. (P.)

An ornamental greenhouse shrub, and admirably adapted for a window plant. The roots being very fine, it requires a light soil.

- 59 Azalea. Finest varieties mixed25

Bachelor's Button. (A.) (Centaurea.)

A showy, hardy annual, about two feet high, succeeding well in any soil.

- 60 Bachelor's Button05

Aster, Comet. A beautiful new and very distinct variety, with long, wavy, and twisted petals, resembling the Japanese Chrysanthemums; well-grown plants produce from twenty-five to thirty perfectly double flowers measuring from three to four inches in diameter.

- 38 — Light Blue20

- 39 — Deep Rose20

- 40 — Pink20

- 41 — Mixed20

Aster, Washington. Splendid variety, very large-flowering, extra double; fine for exhibition purposes.

- 42 — White, extremely pure in color20

- 43 — Peach-bloom. Very delicate tint20

- 44 — Silver Gray. Beautiful new shade20

- 45 Aster Victoria. Finest Mixed. An unrivalled and favorite class. Flowers very large and perfectly double, of globular shape15



SNOWBALL ASTER.



CALCEOLARIA TIGRIDUS.

- No. **Balloon Vine. (A.)** Per pkg.
Ornamental climbing plant, remarkable for an inflated membranous capsule from which it derives its name.
61 Balloon Vine05

Balsams. (A.)

- Beautiful, half-hardy annuals, from one and one half to two feet in height. Sow the seed early in frames, and transplant to a well-enriched border, one foot apart.
62 Balsams, Double, Yellow10
63 — Camelia-flowered Carmine. Splendid new luminous color10
64 — Double, mixed, Camelia-flowered05
65 — Spotted, Rose-flowered, Mixed. Very large flowers, double, and with perfectly formed flowers; from six to eight fine varieties all spotted with white10
66 — Dwarf Camelia. Mixed. From eight splendid double varieties05

Browallia. (A.)

- 67 Browallia, Mixed. Bushy plants completely covered with blue and white flowers throughout the summer; fine for bedding or for pot culture in the winter05

Bryonopsis Laciniosa. (A.)

- 68 An elegant climber, with ivy-like foliage, and brilliant scarlet fruit exquisitely marked with white. Ten feet05

Begonia. (P.)

- 69 Begonia, Rex Hybrids. Ornamental-leaved, extra fine varieties. .25
Tuberous Rooted. It is impossible to overestimate the value of these magnificent flowering plants. In colors ranging from pure white to deep rich crimson, they make a gorgeous display, excelling the most vivid geraniums.
70 — Single Varieties. Splendid mixture15
71 — Double, Mixed. Splendid quality, saved exclusively from a choice, rich collection30

CALCEOLARIA. (P.)

Flowers highly decorative; very desirable, indeed invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

- 72 Calceolaria, Tigridus. (See Cut.) A spotted variety, extra fine.... .25

Callirhoe. (A.)

Beautiful, hardy, free-flowering plants, beginning to bloom when small, and continuing throughout the summer and fall.

- 73 Callirhoe, Pedata. Rich purple crimson, with white eye05
74 — Involverata. A trailing variety of great beauty; large, purple-crimson flowers; desirable for hanging baskets.05

Canary Bird Flower. (A.)

A highly ornamental creeper, with exceedingly beautiful yellow-fringed flowers and finely divided foliage.

- 75 Canary Bird Flower05

Candytuft. (A.)

A well known, hardy annual, very useful for bedding and bouquets, and also for pot culture.

- 76 Candytuft, Empress. Strong, free-growing variety, with candelabra-shaped branches, producing immense trusses of pure-white flowers, very handsome10
77 — New Carmine10
78 — White05
79 — Purple05
80 — Crimson05
81 — Fragrant05
82 — Mixed05

Canterbury Bells. (B.)

Very ornamental, growing about two feet high, producing beautiful large bell-shaped flowers.

- 83 Canterbury Bells, Blue, Single05
84 — White, Single05
85 — Double Mixed05

"Cup and Saucer" Canterbury Bells.

(C. Calycanthema.)

A beautiful new variety, strong growers, flowers large and handsome, similar in shape to a cup and saucer.

- 86 Calycanthema, Striped. Bells average three inches in length, and saucers three or four inches across; of a satiny lavender, spotted and striped with rich violet purple15
87 — Splendid mixed10

Canna.

Cannas are rapidly growing in favor. They are extremely ornamental as foliage plants, and their beauty is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson, and vermillion, and many varieties are beautifully spotted. If sown in February, in hot-bed, or pots in the house, and transplanted early, will bloom in August. Soak the seed several hours in warm water.

- 88 Canna, Crozy's New Hybrids15
Saved from the most beautiful new varieties, most of them dwarf, early bloomers, and very remarkable both for beauty and size of flowers and foliage; capital class, especially for pots and forcing.
89 — Extra Choice. Mixed10

Catch-fly. (A.)

A hardy annual, about one foot high; produces brilliant flowers in great profusion, in early summer.

- 90 Catch-fly, Dwarf, Double Pink10
A charming addition to the spring bedding plants, flowering early in great profusion and continuing in bloom throughout the season.
91 — Mixed05

Centranthus. (A.)

Exceedingly pretty, free flowering plants, from six inches to one foot high, and very effective in bed or borders.

- 92 Centranthus, mixed rose and white05

Cineraria.

A well known greenhouse favorite; remarkable for its free flowering habit and beauty of foliage.

- 93 Cineraria, Maratima. (P.) Flowers yellow, leaves, large, silvery; an ornamental foliage plant, fit for edgings10
94 — Finest Mixed. (A.)25

CHRYSANTHEMUMS. (A.)

Handsome hardy annuals, producing quantities of large flowers of striking colors, making a brilliant display.

Single or "Painted Daisy" Varieties.

- 95 Chrysanthemum, Eclipse. (See cut.) Golden yellow with scarlet ring and rich brown centre10
96 — Lord Beaconsfield. Rich crimson-maroon, edged and striped with gold10
97 — Sultan. A beautiful velvety maroon with golden rim and fine dark brown centre. Very showy10
98 — Multicaule. Grows about four inches high, and with its beautiful golden yellow flowers is very effective for mosaic and carpet bedding work10

DOUBLE VARIETIES.

- 99 — Coronarium Imbricatum, fl. pl. Flowers globe-shaped, extremely double, and of an intense, glowing golden yellow, and last, when cut, for more than a week, preserving their fresh appearance10
100 — White05
101 — Yellow05
102 — Mixed05

Clarkia. (A.)

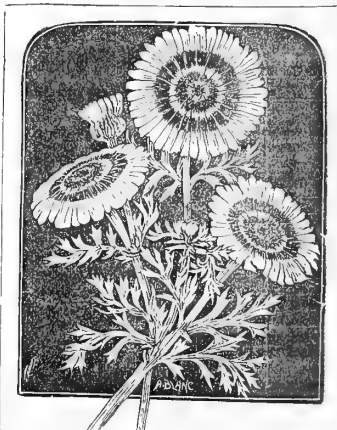
Pretty, hardy annual, about eighteen inches high, blooming from June to September. Set six inches apart.

- 103 Clarkia, Double Carmine. A splendid variety, with large, densely double flowers of a bright carmine color10
104 — Single, Mixed05

Clitoria. (A.)

Splendid, free-flowering, greenhouse climbers, with large, elegant, pea-shaped flowers. Particularly adapted for training on trellis work, wire globes, etc.

- 105 Clitoria Celestis. Sky-blue; from East Indies.. .10



"CHRYSANTHEMUM ECLIPSE."



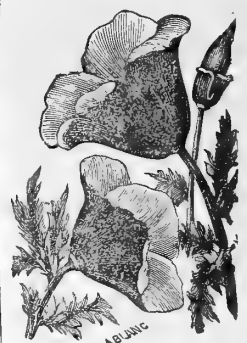
COREOPSIS LANCEOLATA.



COSMOS.



DAHLIA STRIATA.



ESCHSCHOLTZIA.



DAISY SNOWBALL.

Cockscumb. (A.)

Hardy, attractive annuals, for bedding and pot-culture.

112	Cockscumb Japonica. Scarlet.....	.05
113	— Glasgow Prize. Fine dwarf sort, with large crimson combs.....	.10
114	— Crisata Variegata. Gold and crimson.....	.10
115	— Crimson. Tall, very fine (pure).....	.05
116	— Dwarf Mixed. Very beautiful.....	.05
117	— Feathered. New, and very fine for bouquets.....	.10

Coleus. (A.)

Gorgeous colored plants, with variegated foliage, indispensable for ornamental bedding, and fine for pot culture.

113	Coleus. New, large-leaved. Six sorts selected from the largest and most superbly variegated.....	.30
117	— Fine Varieties Mixed.....	.25

Columbine. (P.) (Aquilegia.)

A well known, showy, hardy perennial, about two feet high, blooming in May and June.

120	Columbine Stuarti. This beautiful new variety bears its nodding flowers, which often measure four inches across, on tall, graceful stems, and the color is of the deepest blue, except the upper half of the inner segments, which is white.....	.20
121	— Truncata. The California red variety, elegantly variegated with orange and yellow.....	.15
122	— Canadensis Nana. Beautiful dwarf. Brilliant Scarlet.....	.15
123	— Mixed.....	.05
124	— California. Very large and handsome, the color being of waxy yellow. Remarkably fine.....	.15

Convolvulus. (A.)

Beautiful and showy half-hardy climbers, producing an abundance of rich colored flowers. The dwarf varieties are fine for bedding.

125	Convolvulus Minor (Dwarf). Mixed.....	.05
126	— Striped (Dwarf). Blue, striped with white.....	.05
127	— Major. (Morning Glory.) Fine varieties mixed.....	.05

COREOPSIS. (A.) (Calliopsis.)

One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.

128	Coreopsis Drummond's. Yellow flowers, with crimson centre.....	.05
129	— Mixed Varieties. Yellow and brown and velvety brown.....	.05
130	— Lanceolata. (P.) The Perpetual Golden Coreopsis. A most beautiful perennial. Very free blooming, and lasting in its golden glory throughout the summer and fall. Unequalled for cutting. Grows anywhere. (See Cut.).....	.10

Clematis. (P.)

Per pkg.

Beautiful, hardy climbers, unrivalled for covering arbors, fences, verandas, etc.

106	Clematis, Cirrhosa. Perfectly hardy, a very rapid climber, literally covering itself with large bunches of white, sweet-scented flowers. Twenty-five feet.....	.15
107	— Graveolens. A free-growing, hardy variety, with beautiful yellow flowers, over one and a half inches broad.....	.15
108	— Pitcheri. Hardy variety of elegant habit, neat foliage, and prettily shaped, brilliant scarlet flowers.....	.15

Clianthus Dampieri. (A.) (Glory Pea.)

Magnificent plants, with drooping clusters of large, rich, scarlet pea-shaped flowers, three inches in length. Each flower is beautifully marked with a black, cloud-like blotch. It requires a warm soil, and should be watered sparingly.

109	Clianthus Dampieri.....	.25
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Cobea Scandens. (A.)

Magnificent, rapid-growing climbers, with large, bell-shaped flowers; adapted for outdoor growth in summer, also for the house and greenhouse. The seeds should be started in the house, and planted edgewise.

110	Cobea Scandens. Purple.....	.15
111	— Alba. A white-flowered variety.....	.10

Collinsia. (A.)

131	Collinsia Mixed. Beautiful, hardy annuals, very pretty when grown in a mass. Thin plants to three inches apart.....	.05
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COSMOS. (A.)

A very effective autumn flowering plant, with beautiful foliage growing from four to six feet high, literally covered with large, single, daisy-like flowers, two to three inches round, in shades of rose, purple and white. Sow in March, in pots or in the hot-bed, and transplant one foot apart.

132	Cosmos Bipinata, Hybrida. (See Cut.).....	.05
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Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

133	Cypress Vine, Scarlet. Very brilliant.....	.05
134	— — White.....	.05

DAHLIA. (P.)

Sow the seed early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

135	Dahlia. Single Varieties. Splendid mixture. Handsome bedding plants, and extensively used for cutting.....	.10
136	— Variabilis Striatiflora. (See Cut.) A beautiful single variety displaying the richest blending of colors, and a great many of striped, spotted, ribboned and dotted designs.....	.15
137	— Double. Mixed.....	.10
	Seeds saved from fine named sorts.	
138	— Juarez. (Cactus Dahlia) New varieties mixed. From a splendid collection.....	.20

Dictanus. (P.) (Fraxinella.)

Handsome, fragrant, free-flowering, herbaceous plants, suitable for mixed borders

139	Dictanus Fraxinella. Mixed. Two feet.....	.05
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Datura. (P.) (Trumpet Flower.)

Very showy, producing large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

140	Datura, Wright's. Flowers bell-shaped, of extraordinary size; white, bordered with lilac.....	.05
141	— Humilis Double. Double flowers of a rich golden-yellow....	.05

No.	Delphinium.	Per pkg.
	Flowers remarkable for their great beauty, diversity of shades, and striking appearance	
142	Delphinium Imperial Flore Pleno. (P.) Pure white.....	.10
143	— Candelabrum. (A.) The branches are beautifully curved, diminishing in length as they approach the top of the centre spike, thus giving the plant the appearance of a candelabrum. Flowers brilliant and varied.....	.05
144	— Formosum. (P.) Flowers blue and white, very large and brilliant; will flower the first season from seed.....	.10
145	— Chinese. (P.) Mixed. Two and a half feet.....	.05
146	— Elatum. (P.) (Bee Larkspur.) Blue, two feet.....	.05
147	— Hybridum. (P.) Fine mixed, splendid.....	.05

DOUBLE DAISY. (P.) (*Bellis Perennis*.)

Charming plants for edgings and dwarf beds. Thrive well in shady places.

148	Daisy, Snowball. (See Cut.) Large flowered; pure-white, and extremely double, with very long stems, making them valuable for cutting.....	.15
149	— Double Quilled, Mixed. Each bloom is the nicest little pompon that can be seen; the flowers are produced in abundance and in great variety of color.....	.15
150	— "Longfellow." Flowers of unusual size, a dark-rose color. Of value for bouquets.....	.15
151	— Double, Mixed.....	.10

Erythrina. (P.)

152 A magnificent, half-hardy shrub, with gorgeous spikes of scarlet flowers from one to two feet long. Although a tropical plant, it grows freely out of doors if placed in a warm situation. Cut it down to the cellar before frost, and protect in a cool, dry cellar during winter.....

.20

ESCHSCHOLTZIA.

(A.) (*California Poppies*.)

A very showy plant about one foot high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.

153	Eschscholtzia, Mandarin. (See Cut.) Flowers a brilliant scarlet, with the inner side of petal a rich orange.....	.10
154	— New Double White. Distinguished for its abundance of flowers, and the length of time which they live.....	.10
155	— Large Rose-colored. Flowers very large, of a brilliant dark-rose color, shading into pale rose at the base.....	.10
156	— Finest Mixed.....	.05

Eternal Flower. (A.) (*Helichrysum*.)

The Eternal Flowers are ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.

157	Eternal Flower, "Fireball" Color of the richest crimson maroon.....	.15
158	— Yellow.....	.05
159	— Mixed.....	.05

Eupatorium. (P.)

160 Shrubby plants, with white flowers, growing in graceful, feathery sprays.....

.10

Exacum. (A.)

161 Clusters of violet purple flowers, with yellow anthers, most beautifully cyclamen-scented. Half-hardy. It blooms incessantly through the summer, and upon being removed to the house, will bloom freely all the winter.....

.15

Feverfew. (P.) (*Matricaria*.)

A beautiful, half-hardy perennial, well adapted for beds.

162 Feverfew, Double Dwarf. The flowers are large, creamy-colored, and very double.....

.15

163 — Double White. Very fine. One foot.....

.05

164 — Golden Feather. One of the ornamental foliage plants. Very desirable for vases and baskets to mix with other plants.....

.10

No. EUPHORBIA. (A.)

165 *Euphorbia Heterophylla*. "Mexican Fire Plant." (See Cut.) Large bushy plants, growing about three feet high, with very ornamental dark green leaves, which, as the season advances, become blazed with deep scarlet so that only an edge of green is left. Sow early in pots or hot-bed, and transplant to open ground in May.....

.15

166 — *Variegata*. "Snow on the Mountains." Leaves edged with pure white.....

.05

Flax. (A.)

167 Flax, Crimson. (*Linum Grandiflorum*).....

.05

A beautiful, half-hardy annual, one foot high, and very effective and showy for bedding purposes.

Foxglove. (B.)

Per pkg.

168 Foxglove, Large-flowering. Spotted and Mixed. Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white and yellow.....

.05

Forget-me-not. (P.) (*Myosotis*.)

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.

169	Forget-me-not, <i>Elegantissima</i> . Very compact, with silvery variegated foliage and sky-blue flowers.....	.15
170	— Alpine, Large-flowered. Flowers exceeding other varieties in size; sky-blue in color, with a clearly defined yellow eye.....	.15
171	— Blue. The standard variety.....	.05
172	— White. (New.) Pure white.....	.10

Fuschia. (A.)

Elegant flowering plants, of easy culture, in pots, for parlor decoration or the garden. In the garden they require a slightly shaded situation. Soil should be rich.

173 Fuschia, or "Ladies' Ear-Drop." Finest varieties mixed.....

.25

Geranium, Fancy. (A.)

174 Geranium. Splendid Mixed.....

.25

Geum. (P.)

Handsome, free-flowering, long-blooming, and remarkably showy and hardy. Succeed best in a sandy loam.

175 Geum, Mixed.....

.05

GAILLARDIA. (A.)

One of the most showy and brilliant of garden flowers, fine for bedding and cutting, producing large flowers of rich shades throughout the summer.

Single Varieties.

176	Gaillardia, <i>Amblyodon</i> . Rich, fine red.....	.10
177	— <i>Aurora Borealis</i> . Gold, crimson and white.....	.10
178	— <i>Maxima</i> . Golden yellow.....	.10
179	— <i>Grandiflora</i> . Splendid mixed.....	.05
180	— <i>Picta Lorenziana</i> Double. (See cut.) Fine for bedding and cutting, flowers very double, of various shades, orange, claret, amaranth, sulphur, etc.....	.05

Gilia. (A.)

Early and free-flowering, growing from six inches to one foot high, desirable for planting in masses or detached patches.

181 Gilia, White and Rose.....

.05

GLOXINIA. (P.)

A superb class of greenhouse and indoor plants, with vigorous foliage, and producing, in great profusion, elegant flowers of the richest and most beautiful colors. They are quite easily grown from seed, and deserve extensive cultivation as house-plants. Sow in March, on the surface, in a warm, moist atmosphere, transplant into shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, re-pot in the spring, and water freely; will blossom second season.

182 *Gloxinia, Hybrida Grandiflora Defiance*. (New Scarlet.) (See Cut.) The color of this *Gloxinia* may be best described as an intense, glowing crimson-scarlet. Flowers large, the edges of the petals delicately frilled. Its beauty is enhanced by a velvety, dark-green foliage with silvery-white venations.....

.35

183 — *Grandiflora, Mixed*.....

.35



EUPHORBIA.



GLOXINIA DEFIANCE.



GAILLARDIA DOUBLE.



IPOMEA.

No.

Globe Amaranth. (A.)

Per plug.

Tender annuals about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open.

184 **Globe Amaranth, Variegated and Mixed**..... .05

Godetia. (A.)

Very attractive, hardy annuals, about one foot high. Flowers of a beautiful satiny texture.

- 185 **Godetia, White Pearl.** New dwarf, pure satiny white variety. On account of its very regular compact growth it is best adapted to dwarf bed or ribboning..... .15
- 186 — **Hybrid Splendens.** A splendid variety, with flowers of a very bright carmine rose, extremely large, and flamed white at the base, and remaining much longer in bloom than other varieties..... .10
- 187 — **Whitney's Brilliant.** Of dwarf, compact habit, with large flowers of a brilliant carmine color, changing into tender rose at the margin of the petals..... .10
- 188 — **Mixed**..... .05

Grasses, Ornamental.

The Ornamental Grasses are most desirable for bouquets, both for summer and winter. For winter use, cut about the time of flowering, tie up in small bunches, and dry in the shade.

- 189 **Grass, Ornamental, Eragrostis Brown. (A.)** The panicles produce immense masses of flowers of a reddish-brown color, and make a striking effect..... .10
- 190 — — **"Job's Tears."** (A.) This well-known variety of tropical grass is so called from the appearance of its shiny, pearly fruit, which resembles a falling tear. Half-hardy..... .05
- 191 — **Quaking.** (A.) This graceful shaking grass is very elegant in bouquets, and may be dried and kept a long time..... .05
- 192 — **Pampas.** (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous long, silken plumes of flowers. Flowers the second season; requires to be carefully covered during the winter..... .10

Gypsophila.

Elegant, free-flowering little plants, succeeding in any soil. Well adapted to rockwork and edging.

- 193 **Gypsophila, Paniculata. (P.)** Remarkably hardy, dwarf plant, covering itself with small white flowers..... .05
- 194 — **Muralis. (A.)** Beautiful, dwarf plant, completely covered with starry pink and white flowers. Very fine for hanging baskets..... .05

Hawkweed. (A.)

- 195 **Hawkweed. (Crepis.) Mixed.** A class of attractive hardy annuals, one foot high, of easy culture..... .05

Hibiscus. (A.)

- 196 **Hibiscus Africanus.** A showy and beautiful hardy annual, eighteen inches high, blooming from June to September..... .05

Hollyhocks. (P.)

Seeds should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year.

- 197 **Hollyhocks, Chater's Improved Double, Mixed**..... .15
- 198 — — **Snow White**..... .15
- 199 — — **Sulphur Yellow**..... .15
- 200 — — **Rose**..... .15
- 201 — — **Royal Purple**..... .15

The seed we offer has been saved from one of the finest collections, and will produce very large double flowers, of striking beauty.

- 202 — **Tall Double Mixed.** A great improvement on the old variety..... .05
- 203 — **Dwarf Chinese. (A.)** Showy, hardy, annual variety. Start early in hot-bed, and transplant one foot apart..... .05

Heliotrope. (A.)

- 204 **Heliotrope.** Well-known, deliciously fragrant plants, excellent for bedding purposes or pot-culture..... .10

Helipterum. (A.)

- 205 **Helipterum Sanfordi.** A new variety of Everlasting flowers, of great beauty; of dwarf, tufted habit, producing large, globular clusters of bright, golden yellow flowers..... .10

Honesty. (B.)

- 206 **Honesty. (Lunaria.)** Blooms in May and June. The flowers are succeeded by singular seed vessels, that are quite ornamental, and may be kept for a long time..... .05

Humulus. (A.)

- 207 **Humulus Japonicus. (Japan Hop.)** A climbing hop of very rapid growth, with luxuriant foliage, making a dense covering; beautiful when planted singly and sufficiently supported, also suitable for covering trellises, etc..... .10

Ice Plant. (A.)

- 208 A singular-looking, tender annual, with thick, fleshy leaves, that have the appearance of being covered with crystals of ice..... .05

Impatiens. (Sultan's Balsams.) (P.)

- 209 **Impatiens Sultan.** A perennial balsam of compact growth, producing almost continuously, charming, bright rose-colored flowers..... .15

Ipomopsis. (B.)

Most beautiful plants, with spikes of dazzling flowers.

- 210 **Ipomopsis. Mixed.** Brilliant flowers of scarlet and orange..... .05

Jacoea. (A.) (Senecio.)

A very gay-colored, showy class of hardy plants; very effective for bedding. Grow about one foot high.

- 211 **Jacoea, Double Mixed**..... .05

Love-in-a-mist. (A.) (Nigella.)

- 212 A curious plant about one foot high, with finely cut leaves, and singular flowers. Hardy..... .05

Lantana. (P.)

This showy, greenhouse plant will succeed finely in any garden soil. It forms a small bush, covering itself with pink yellow, and orange flowers, and also flowers of changeable color. Start in the house. Half hardy.

- 213 **Lantana.** Fine varieties mixed..... .10

IPOMEA. (A.)

Very beautiful and popular climbers; deservedly so from the fine foliage, and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.

- 214 **Ipomea Atrovioleacea. (See cut.)** Violet, bordered with white..... .10
- 215 — **Bona Nox. (Evening Glory.)** A very interesting plant allied to the "Morning Glory," but differs from it in choosing the evening for its time for blooming. The flower is pure white, deliciously fragrant, and very large. Soak seed in hot water several hours before planting..... .10
- 216 — **Coccinea. (Star Ipomea.)** Bright Scarlet..... .05
- 217 — **Limbata.** Blue, elegantly marked with white; superb..... .05
- 218 — **Elegantissima.** Blue, with intense purple centre in the form of a star, with broad, pure white margin..... .10

Lavender. (P.)

- 219 This herb we consider desirable for the flower garden from the pleasing fragrance of its leaves..... .05

Leptosiphon. (A.)

Desirable for edgings; very beautiful with their numerous and many-colored flowers; also suitable for rock work, and nice for pot-plants; succeed in any light, rich soil. Hardy.

- 220 **Leptosiphon, Mixed.** Colors, dark maroon, orange, lilac, purple, crimson, violet, golden-yellow and white..... .05

LARKSPUR.

Very beautiful, hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden, or when cut for vases. Set ten inches apart.

- 221 **Larkspur, Stock flowered. ("Rosy Scarlet").** Surpassing in beauty even the Lustrous Carmine variety introduced a years ago. The flowering season lasts until late in the autumn, rendering them of value for cutting and decorative purposes..... .15
- 222 — **Dwarf Ranunculi-flowered.** The plant rises to a height of twelve to thirteen inches and forms a columnar-shaped, compact bouquet thickly studded with spikes of shining, brown-violet blossoms of uniform height..... .10
- 223 — **Double Carmine.** Very double. Of a fiery carmine in color..... .10
- 224 — **Tall Double Rocket**..... .10
- 225 — **Stock-flowered.** Eight varieties, mixed..... .05
- 226 — **Hyacinth-flowered. (See Cut.)** A curious, very beautiful variety, strongly resembling a Double Hyacinth. Twelve fine varieties mixed..... .05
- 227 — **Tricolor Elegans.** A very double variety, of very handsome colors, and most beautifully striped..... .05

Lophospermum. (A.)

An exceedingly elegant and high ornamental climber, with large and handsome foxglove-like flowers; very effective for conservatory and garden decoration, and also for hanging baskets.

- 228 **Lophospermum Hendersonii.** Flowers of rosy carmine..... .10



LARKSPUR.

No.	Lobelia. (A.)	Per pkg.
	Stunningly pretty, profuse blossoming plants; the delicate, drooping habit, and profusion of their charming little flowers render them exceedingly ornamental. Fine for hanging baskets	
229	Lobelia Formosa. The most vivid scarlet dwarf bedding variety known.....	.15
230	— Pumila Magnifica. The finest Single Lobelia.....	.15
231	— Rosea Oculata. Rose, with white eye.....	.10
232	— Erinus, Mixed. Blue, white, and blue and white marbled.....	.05
233	— Double. A Double Lobelia may be justly considered an acquisition. Remains in bloom longer than the single varieties.....	.10

Love-lies-bleeding. (A.) (*Amaranthus Candatus.*)

234	A hardy annual, three to four feet high, with pendant spikes of blood-red flowers, which, at a little distance, look like streams of blood. Desirable for grouping on lawns	.05
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Lupins. (P.)

235	Showy, hardy plants, two to three feet high, producing tall spikes of attractive flowers. Lupins, Mixed.05
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Lychnis. (P.)

236	Lychnis Haageana Hybrids. Mixed. Very handsome and highly ornamental plants of bushy habit, with large flowers from the brightest scarlet to blood-red, purple, orange and white.....	.10
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Malva, or Mallow. (P.)

237	Showy and desirable, with pretty, salver-formed flowers. Malva Minuta. Bright Scarlet.05
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MARIGOLD. (A.) (*Tagetes.*)

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

238	Marigold, French. ("Carter's" <i>Butterfly</i> .) A beautiful variety, with alternate petals of velvety purple-brown and old-gold.....	.15
239	— African. (<i>El Dorado.</i>) (<i>See cut.</i>) The finest strain of African Marigold yet offered. Flowers three inches in diameter, in all shades of yellow, — lemon, primrose, gold and deep orange.....	.10
240	— Calendula, Prince of Orange. The flowers are striped with an intense shade of orange; this glowing tone is given to the whole flower.....	.10
241	— Meteor. Handsome variety of the Pot Marigolds, cream-white, centre edged with orange, perfectly double.....	.10
242	— Large-flowered, Double. Flowers a dark orange-red, very large, and remarkably double. The outer florets are slightly imbricated, while those of the centre are incurved like a Paeony.....	.10
243	— African.....	.05
244	— French.....	.05
245	— Gold Striped.....	.05

Maurandia. (A.)

A delicate, free-flowering, half-hardy climber, well adapted to the conservatory or trellis-work in the garden; also desirable for hanging baskets. Start early in pots, transplant when weather becomes warm.

246	Maurandia, Barclayana. Rich violet.....	.05
247	— Mixed. Violet, white, rose and pink.....	.10

Mignonette. (A.)

A general favorite on account of its delightful fragrance. Blooms throughout the season. Sow from middle of April to middle of June. Mignonette is most fragrant on poor soil.

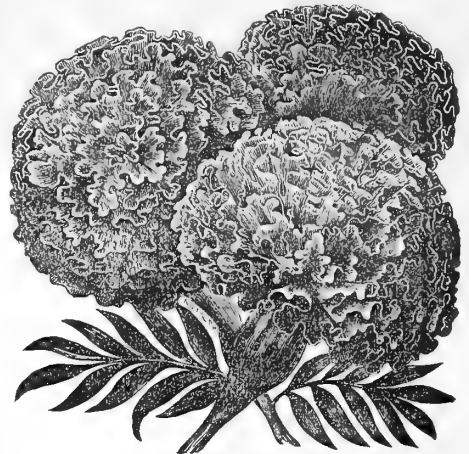
248	Mignonette, Miles' Hybrid Spiral. Plant dwarf and branching; flowers white and very fragrant, spikes eight to fourteen inches long. Fine for either out-door or pot culture.....	.10
249	— Machet. Plants dwarf and vigorous, of pyramidal growth, with broad spikes of very fragrant red flowers. The best sort for pot-culture and equally valuable for borders.....	.10
250	— Golden Queen. A distinct dwarf yellow-flowered variety.....	.05
251	— Sweet per ounce, 20 cents	.05
252	— Grandiflora. Larger than the common variety.....	.05
253	— Victoria. Flowers unusually brilliant and large.....	.10

Morning Glory.

254	Morning Glory. (<i>See Convolvulus Major</i>).....	.05
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MIMULUS.



MARIGOLD, EL DORADO.

No.	Marvel of Peru. (A.) (<i>Mirabilis.</i>)	Per pkg.
	The old and well-known <i>Four O'Clock</i> . A fine plant, with flowers of various colors, making a fine summer hedge set one foot apart.	
255	Marvel of Peru. Mixed......	.05

MIMULUS. (P.) (*Monkey Flower.*) (*See cut.*)

A half-hardy plant, of the easiest culture, about nine inches high, producing a profusion of very pretty flowers. It is perennial in the greenhouse and may be easily propagated by cuttings. Select a moist, rather shaded location.

256	Mimulus, Cardinalis. Scarlet, from California; one foot.....	.05
257	— Hybrid. Splendidly spotted and marbled in the most varied manner, rivaling the <i>Calceolaria</i> in the variety of its brilliant colors.....	.10
258	— New Double. Flowers double, of a brilliant yellow, spotted, striped and mottled with crimson.....	.20
259	— Moschatus. (<i>Musk Plant.</i>).....	.05
	Much esteemed for the strong musk odor of its leaves.	

Mourning Bride. (A.) (*Scabiosa.*)

A class of very pretty annuals, from one to two feet high, suitable for bedding or bouquets. Hardy.

260	Mourning Bride, Snowball. Pure White. Very large and extremely double.....	.15
261	— Golden. A fine novelty, with golden-yellow leaves, and producing numerous scarlet and dark purple flowers.....	.10
262	— Flesh-Colored. New and lovely tint.....	.10
263	— Mixed.....	.05
264	— Cherry Color. Double.....	.10
265	— Dwarf. Six splendid varieties mixed.....	.05

Nasturtium. (A.)

Tall Varieties.

		oz.	
266	Nasturtium, Tall. Mixed.....	.15	.05
267	— Black brown.....	.25	.05
268	— Scheuerianum. Straw colored, striped brown.....	.25	.05
269	— Coccineum. Brilliant scarlet.....	.25	.05
270	— Dunnett's. Orange.....	.25	.05
271	— Atropurpurea. Dark blood crimson.....	.25	.05
272	— Heinemanni. Chocolate.....	.25	.05
273	— King Theodore. Maroon.....	.30	.05
274	— Brownish lilac.....	.25	.05

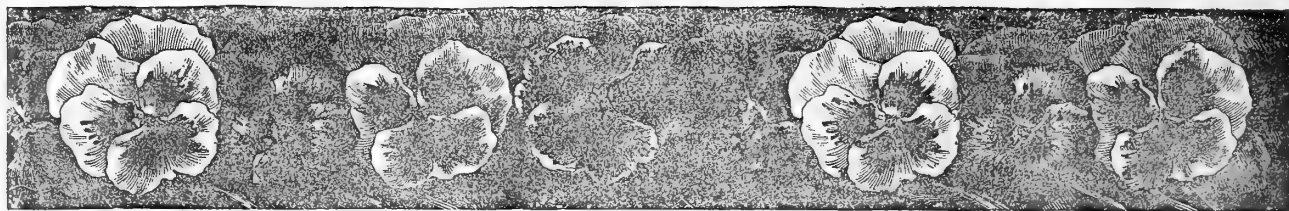
Dwarf Varieties.

275	Nasturtium, Dwarf mixed.....	.20	.05
276	— Ruby King. Carmine.....	.30	.05
277	— Spotted King. Yellow, spotted chocolate.....	.25	.05
278	— Empress of India. Brilliant scarlet, dark foliage; effective.....	.40	.10
279	— Cloth of Gold. Golden yellow foliage, flowers scarlet.....	.40	.10
280	— Chameleon. Crimson, bronze and yellow.....	.40	.10
281	— Scarlet.....	.20	.05
282	— Rose.....	.25	.05
283	— Yellow.....	.25	.05
284	— White.....	.30	.05
285	— King of Tom Thumbs. Scarlet with bluish-green foliage.....	.30	.05
286	— Purplish violet.....	.10	.10
287	— Lady Bird. Orange Yellow, Red spots.....	.10	.10

Lobb's Nasturtium. (Tall.)

Leaves and flowers not as large as the ordinary tall *Nasturtium*, but far surpassing them in profusion and brilliancy of flower, making them desirable for trellises, etc.; also fine for pot culture.

288	Nasturtium, Asa Gray. Yellowish white.....	.10
289	— Orange scarlet......	.10
290	— Brilliant dark scarlet.....	.10
291	— Black brown.....	.10
292	— Napoleon III. Golden yellow, spotted brown.....	.10



PANSIES.

- Nemophila. (A.)** *Per pkg.*
- Charming, hardy, low annuals, producing an abundance of extremely delicate and beautiful flowers. Very useful for bedding and pot-culture. Sow early in pots, and transplant into a cool, rather moist situation.
- 233 *Nemophila, mixed*..... .05

- Nicotiana Colossea. (A.)**
- 294 The plants attain a height of six feet, are of a branching habit and robust growth. The leaves of about three feet in length by twenty inches in breadth, are downy when young, and of a reddish tint, changing to a glossy dark green later on, this lovely green contrasting beautifully with the reddish-brown ribs. Very effective as single specimens or for grouping with other ornamental leaved plants..... .20

- Nolana. (A.)**
- Very pretty trailing, hardy annuals, fine for rockwork, hanging baskets or for bedding.
- 295 *Nolana, mixed*..... .05

- Nirembergia. (P.)**
- These charming little plants are exceedingly valuable for hanging baskets, rustic vases and edgings.
- 296 *Nirembergia Gracilis*. If sown early will bloom the first year.. .05

- Oxalis. (P.)**
- A splendid class of plants suitable for hanging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in mid-winter. Half-hardy.
- 297 *Oxalis Rosea*. Rose-colored flowers; blooms abundantly..... .10
- 298 — *Tropaeoloides*. Deep-yellow flowers, with brown leaves..... .10

- Oxlip. (A.)**
- 299 *Oxlip*. Sweet-scented, mixed. Of beautiful colors..... .15

- Passion Flower.**
- 300 *Passiflora Incarnata. (P.)*..... .15

- Very hardy, requiring but slight protection of leaves in winter. The flowers are large, nearly white, with a triple purple and flesh-colored crown.
- 301 — *New Mammoth. (A.)* The vines run thirty feet, foliage dark-green, flowers very large and showy, having a snow-white border, with pink centre; between centre and border is a sky-blue circle..... .10

PAPAVER. (Poppy.) (A.)

- 302 *Papaver Glaucum (Tulip Poppy). (See cut.)* From a mere description no adequate idea can be formed of the strikingly beautiful effect produced by a bed of these brilliant-scarlet Poppies in full bloom, the color being of such glowing richness as to perfectly dazzle the eye..... .20

- 303 — *White Swan*. Flowers of fabulous size, very double, lacinated, beautifully shaped and of the purest possible white, and continues longer in bloom than other Poppies..... .15

- 304 — *Umbrosium*. Very fine, with flowers of a brilliant deep-scarlet, marked with four large black spots..... .10

- 305 — *Double, Mixed*. Brilliant and showy; about two feet high; fine for background and shrubbery..... .05

- 306 — *Fairy Blush*. Immense globular flowers, perfectly double, petals elegantly fringed, color pure-white, tipped with rose..... .10

- 307 — *"Danebrog."* (See cut.) The flowers are of a brilliant-scarlet color, bearing on each of the four petals a large silvery-white spot, forming thus a white cross on scarlet ground, similar to the Danish or Swiss national banners..... .10

- 308 — *Crocium. (P.)* Orange-yellow, very double, large and showy..... .10

- 309 *The Shirley Poppies*. A beautiful new strain of annual Poppies. Flowers single and semi-double, in colors extending from pure-white through the most delicate shades of pink, rose and carmine to deepest crimson, and many are most delicately edged, shaded and striped..... .10

- 310 *Iceland Poppies*. Flowers deliciously fragrant, ranging in color from pure-white and yellow to glowing-orange and scarlet, flowering in great abundance the first year from seed. Unsurpassed for cutting; will last a week if cut as soon as open..... .10

- Perilla Nankinensis. (A.)**

- 311 Beautiful dark-green foliage, fine for ribbon planting or massing..... .05

- Phaseolus. (A.)**

- 312 *Phaseolus Caracalla*. A beautiful climber that may be grown out-of-doors in summer and in greenhouse in winter. Flowers, bluish-lilac, valued by florists for their delicious fragrance and resemblance to Orchids. Start seed early in pots or under glass..... .05



DANEBOG POPPY.

PANSY. (Hearts-ease.) (B.) *Per pkg.*

- 313 *Pansy, Woodbury's Finest German. Mixed*. Unsurpassed in their almost endless variety of shades, brilliant coloring, spotted, marbled and striped, and perfect shape..... .25

- 314 — *Cardinal*. The nearest approach to a bright red yet attained. Flowers of brownish scarlet with dark spots on the three lower petals; very showy..... .20

- 315 — *Cassier's Giant*. Gigantic flowers, beautifully blotched, and borne well above the foliage on strong stems. A rich and showy strain..... .25

- 316 — *Bugnot's Superb Blotched*. Very beautiful, extra large flowers, with very broad blotches, the two upper petals finely lined..... .25

- 317 — *International Paris*. A superb strain comprising magnificent varieties. Selected as being the best exhibited in the grounds of the Paris exhibition..... .15

- 318 — *"Lord Beaconsfield."* Color purple-violet, shading off in the top petals to a whitish hue, giving the flower an unusually bright and striking appearance..... .15

- 319 — *Odier, or Five Blotched*. A new and beautiful prize Pansy of great variety of color and markings, each petal being most beautifully blotched or marked..... .15

- 320 — *Emperor William*. Flowers of a rich ultramarine blue, with a well-defined eye..... .15

- 321 — *Trimardeau, or Giant Pansies. Mixed*. Distinct and splendid race, of vigorous and compact growth; flowers of perfect form and immense size. Extra fine strain..... .25

- 322 — *Trimardeau Striped*. Extra large-flowering. New, very fine..... .30

- 323 — *Trimardeau Giant Yellow*. New, with large black eye. Very beautiful and remarkably showy..... .30

- 324 — *Pure white*..... .10

- 325 — *King of Blacks. Deep coal black*..... .10

- 326 — *Havana-brown*..... .15

- 327 — *Violet, Margined*..... .15

- 328 — *Bronze-colored*..... .15

- 329 — *Fine mixed*..... .05

- 330 — *Extra choice mixed*..... .10

- 331 — *Finest Mixed, Large stained*. Very superior varieties..... .15

Pentsemon. (P.)

- 335 *Pentsemon. Choice varieties mixed*..... .10

Very ornamental, with long and graceful spikes of richly colored tubular flowers. Seed should be started early in March and planted out in May.



PAPAVER GLAUCUM.



PHLOX FIMBRIATA.

- No. Petunia. (P.) Per pkg.**
- For brilliancy and variety of colors, and the long duration of their blooming period, Petunias are indispensable in any garden, also highly prized for growing in pots for the greenhouse or sitting-room.
- 336 **Petunia, Double Liliput.** New dwarf double varieties, with very numerous and exceedingly pretty, small, double flowers, of the most charming shades of color..... .25
- 337 — **Double.** Brilliant rose..... .30
- 338 — **Hybrida Robusta Flore Pleno.** A dwarf, robust variety, forming a compact, upright, branched bush, with double, and sometimes double fringed flowers in great variety of colors..... .30
- 339 — **Compacta Elegantissima.** This variety forms a dense globular bush, covered thickly with flowers of all colors and shades, which are peculiar to the Petunias. As a bedding plant, especially in sunny spots, it is unsurpassable and very effective..... .20
- 340 — **Large-flowering, yellow-throated.** The flowers are of large size, of faultless form, with a broad and deep-yellow throat, beautifully veined..... .30
- 341 — **Superbissima Nigra.** Gorgeous dark-red flowers, with large, jet-black throat. Very fine..... .20
- 342 — **Vilmorin's Hybrid Large-flowering Striped.** This Petunia is especially remarkable for the rich colors and large size of the flowers, which are beautifully striped, variegated and spotted..... .25
- 343 — **Fringed.** Satiny white, blatched with purplish-crimson..... .15
- 344 — **Fringed and Veined.** Rose, veined with black..... .15
- 345 — **Fringed.** Largest flowered, mixed in great variety..... .15
- 346 — **Fine Mixed.**..... .05
- 347 — **Extra Choice Mixed.**..... .10
- 348 — **Buchanan's Hybrids.** From the finest named flowers; beautifully blotched, marbled and variegated..... .15

PHLOX DRUMMONDII. (A.)

A most brilliant and beautiful hardy annual, well adapted for bedding, making a dazzling show through the whole season. Succeeding well on almost any soil.

- 349 **Phlox Drummondii, Mixed Colors.**..... Per oz., 50 cts. .05

Large Flowering Varieties.

Magnificent class. Flowers as large as those of the perennial phloxes.

- | | | | |
|---------------------------------|-----|-------------------------|-----|
| 350 White..... | .10 | 355 Bright Scarlet..... | .10 |
| 351 Scarlet, white Eye..... | .10 | 356 Chamois Rose..... | .10 |
| 352 Deep Purple..... | .10 | 357 Yellow..... | .10 |
| 353 Violet, white Eye..... | .10 | 358 Shining Rose..... | .10 |
| 354 Large Flowering, Mixed..... | .10 | | |

New Dwarf Varieties.

- | | |
|---------------------------------------|-----|
| 359 Fireball. Very brilliant..... | .10 |
| 360 Violet, with large white Eye..... | .10 |
| 361 Snowball. Fine white..... | .10 |

Phlox Fimbriata. (See cut.)

- 362 Petals toothed, beautifully fringed and distinctly margined with white. Mixed colors..... .15

Phlox Semi-double, Mixed.

- 363 A fine mixture of white, scarlet, purple, rose, violet and rosy marbled..... .25



MARGARET CARNATION.



NEW STAR PHLOX.

Phlox Drummondii Heynholdii, Mixed.

- 364 Very dwarf and compact; fine for pot culture..... .10

New Star Phlox. (Cuspidata.) (See cut.)

- 365 A beautiful and striking novelty. The centre petals of the flowers are pointed and much longer than the lateral ones, thus giving the flowers a beautiful star-like appearance, which are made even more attractive by the broad white margin which borders the edges of the petals. Many colors mixed..... .15

Phlox Decussata. (Hardy Perennial.)

- 366 Choice mixed varieties. Extra fine..... .10

PINKS.

These favorite flowers are unrivalled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

- 367 **Pink Carnation. (P.) Double finest Mixed.** Colors extremely rich and beautiful. Seed saved from choice collection..... .15
- 368 — **Picotee. (P.) Choicest Varieties Mixed.** Very beautiful, combining the most perfect form with the richest of colors..... .20
- 369 **Margaret Carnation. (See cut.)** [A CARNATION THAT BLOOMS THE FIRST YEAR FROM SEED.] The plants of this new class of carnations are dwarf and compact, branching closely above the ground, and do not require support. Eighty per cent. of the flowers are very double, of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegations, etc. They are deliciously fragrant, and the calyx never bursts. But of the greatest importance is the fact that the seedlings bloom when only four months old, and flowers can be had all summer and winter, if some consecutive sowings are made..... .15
- 370 — **Jean Sisley. (P.) Double salmon yellow.** Package of 12 seeds..... .15

Summer Blooming Varieties.

- 371 **Pink, Laciniatus. Finest Double Mixed.** Magnificent double flowers; very large and beautifully fringed. Saved only from the finest double flowers and most beautiful colors..... .15
- 372 — **Hedderwig's Double Mixed.** Large flowers, three inches in diameter, beautiful, rich colors, finely marked and marbled..... .10
- 373 — **Chinese, Finest Double Mixed.**..... .05
- 374 — **Double Diadem.** Very fine double flowers, magnificent in colors, beautifully edged and marbled..... .10
- 375 — **Double Imperial. Snowball.** Charming double fringed flowers purest white..... .15
- 376 — **Eastern Queen.** Very large single flowers, beautifully fringed and marbled with light and dark mauve..... .10
- 377 — **Crimson Belle.** Magnificent single fringed flowers of a rich velvety crimson..... .10
- 378 — **The Bride. (Little Gem.)** White, with deep purplish red centre. Large single flowers nicely fringed..... .10

Polyanthus. (P.)

Showy and profuse-flowering, hardy perennials, about one foot high, blooming in April and May.

- 379 **Polyanthus Mixed.**..... .10

Primula. (P.)

Very beautiful and desirable plants for the parlor or greenhouse, producing a constant succession of their charming flowers through the winter and spring. Sow in light soil, in pots, any time from January to July.

- 380 **Primula Sinensis. (Chinese Primrose).** Splendid mixed..... .25
- 381 — **Auricula.** The flower-stalk is six to eight inches high, and bears a fine cluster of from five to seven flowers of various colors, each having a clear white or light-colored eye. Finest varieties mixed from named flowers..... .20
- 382 — **Evening. (P.)** A well-known, showy perennial, one and a half feet high, blooming the first year from the seed..... .05

Pyrethrum Roseum. (P.)

- 383 **Pyrethrum Roseum.** The flowers gathered, dried and pulverized, form the true "Persian Insect Powder" so much in demand..... .05



RODANTHE, SINGLE.

No.	Portulaca. (A.)	Per pkg
	Sow early in warm, light soil and thin plants to four inches.	
384	Portulaca, all colors mixed. Per ounce 50 cts.	.05
385	— Scarlet.	.05
386	— Crimson.	.05
387	— White.	.05
388	— Yellow.	.05
389	— Large-flowered Double. (Benary's Best.)	.10

Ricinus Major. (Castor Oil Plant.) (A.)

390	A highly ornamental, half-hardy annual, growing from four to six feet high, presenting quite a tropical appearance. Select warm, dry soil, and plant six feet apart.	.05
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RODANTHE. (A.)

A beautiful and charming Everlasting flower. The flowers when gathered as soon as they are opened are very desirable for winter bouquets, retaining their brilliancy months.

391	Rodanthe Double White. Pure white, double variety.	.15
392	— Maculata Single. (See Cut.) Mixed.	.10

SALPIGLOSSIS. (A.)

Very beautiful, rich, half-hardy annuals. Start early in the hot-bed and transplant to light, warm, rich soil.

393	Salpiglossis Grandiflora, Mixed. (See cut.) Flowers from two to three inches in diameter, most vividly marked, spotted and striped on ground colors of deep-blue, rose, violet, yellow, reddish-bronze, purple, etc. In rich coloring they vie with orchids. Very effective in the sunlight, which brings out the beautiful tints and veinings.	.10
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Salvia. (A.)

Very ornamental plants, two feet high, producing tall spikes of gay flowers. Sow early in hot-bed, and transplant two feet apart. Half-hardy.

394	Salvia Grandiflora Bicolor. Foliage variegated with white, flowers white and rose with scarlet tip.	.10
395	— Mixed.	.05
396	— Coccinea. Splendid scarlet.	.10

Sanvitalia. (A.)

Beautiful, dwarf growing, free-flowering plants, of great value for beds and masses of low growth.

397	Sanvitalia, New, Double. Covered with dense masses of perfectly double golden flowers.	.10
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Sedum. (P.)

An exceedingly interesting and pretty little plant, growing freely on rock or rustic work, where during the summer it expands its brilliant star-shaped flowers in the greatest profusion. It is very desirable for hanging baskets.

398	Sedum Cœruleum. Blue; from Africa.	.10
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SALPIGLOSSIS.

Stocks.

Half-hardy annuals, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in spring in pots or in the hot-bed, and transplant one foot apart. Bloom from June until November.

399	Stocks, Princess Alice. Snow-white. This splendid new variety, also known as "Cut and Come Again," and "White Perfection," grows about two feet high, is of very branching habit, and if sown early, will produce from June until November a great abundance of very large, beautiful, pure white flowers, which are replaced as they are cut.	.15
400	— Victoria, Ten Weeks. (Deep blood-red.) Every plant forms a perfect pyramidal-shaped bouquet, completely covered with beautiful, bright, fine double flowers.	.15
401	— Brompton's Salter's Scarlet. A strong-growing biennial variety, combining well with the wall-flower in the spring. Very brilliant in color.	.10
402	— Dwarf German. Finest mixed.	.05
403	— Ten Weeks, Double Mixed.	.05
404	— Dwarf, Large-flowering. Finest Mixed. Very double. One of the finest Stocks in cultivation.	.10

Sunflower. (A.) (Helianthus.)

Well-known hardy annuals, with large, showy flowers.

405	Sunflower, Sulphur-yellow. A beautiful variety growing about five feet high, flowers of a delicate primrose or sulphur-yellow, with black centres.	.05
406	— Texas Silver Queen. A marvel when in full bloom, the plants forming perfect pyramids literally covered with flowers, which contrast strikingly with the silver gray foliage.	.10
407	— Dwarf Double. Very ornamental, growing about four feet, and producing large double flowers.	.05
408	— Variegated. Flowers and end of stock variegated.	.05
409	— Globosus. Flowers very large, completely double, of a bright golden-yellow.	.05

Sweet Clover. (A.)

410	Sweet Clover. Valuable for its fragrance.	.05
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Portulaca. (A.)

Sow early in warm, light soil and thin plants to four inches.

384	Portulaca, all colors mixed. Per ounce 50 cts.	.05
385	— Scarlet.	.05
386	— Crimson.	.05
387	— White.	.05
388	— Yellow.	.05
389	— Large-flowered Double. (Benary's Best.)	.10

Ricinus Major. (Castor Oil Plant.) (A.)

390	A highly ornamental, half-hardy annual, growing from four to six feet high, presenting quite a tropical appearance. Select warm, dry soil, and plant six feet apart.	.05
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RODANTHE. (A.)

A beautiful and charming Everlasting flower. The flowers when gathered as soon as they are opened are very desirable for winter bouquets, retaining their brilliancy months.

391	Rodanthe Double White. Pure white, double variety.	.15
392	— Maculata Single. (See Cut.) Mixed.	.10

Schizanthus. (A.)

Pretty, tender annuals, one to one and a half feet high, blooming from August to October. Very pretty for pot-culture.

411	Schizanthus. Mixed.	.05
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Sensitive Plant. (A.) (Mimosa Sensitive.)

412	A pretty, curious plant, being so sensitive that the leaves close together by the slightest touch.	.05
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Smilax. (P.)

413	There is no climbing plant in cultivation that surpasses this in beauty and grace and habit of foliage. Extensively used for bouquets and floral decorations.	.05
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Snapdragon. (P.) (Antirrhinum.)

Very showy, about two feet high, flowering the first season. Sow seeds early, in pots or under glass, transplant six inches apart.

414	Snapdragon. Mixed.	.05
415	— Majus Nanum Picturatum. New distinct race of Snapdragons.	.10

Statice Suworowi. (A.)

416	One of the showiest annuals, producing flower-spikes of fifteen to eighteen inches in length, of a bright, rosy, crimson color.	.10
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Swan River Daisy. (A.)

(Brachycone.)

417	Very pretty, free-flowering, dwarf growing annuals, well adapted to edgings, rustic baskets, or for pot-culture.	.05
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Sweet Peas. (A.) (Lathyrus Odoratus.)

Fine for covering fences or walls, or for growing in little clumps supported by sticks. By picking off the pods as soon as they appear, the blossoms may be continued the whole season. The earlier they are planted the better the flowers.

418	Sweet Peas, Eckford's New Hybrids. (Large-flowering.) The mixture includes many rare varieties of various shades, colors and markings.	.10
419	— Miss Blanche Ferry. Large pink and white flowers of deeper, richer coloring and more fragrant than the Painted Lady. A most profuse bloomer, flowering earlier and continuing longer in bloom than other varieties.	.05
420	— Apple Blossom (Eckford's). Large-flowered, beautiful variety; wings white shaded with lilac; standards bright rosy pink.	.10
421	— Grand Blue (Eckford's). (New.) Very fine.	.10
422	— Painted Lady. Pink and white.	.05
423	— White.	.05
424	— Black purple.	.05
425	— Scarlet.	.05
426	— Scarlet, striped with white.	.05
427	— All Colors, Mixed. In this mixture will be found the finest varieties.	.05
	per lb., post-paid, 88 cts.; per 1/2 lb., 28 cts.; per oz., 12 cts.	

Sweet Sultan. (A.) (Centaurea.)

Very showy, one to two feet high, succeeding well in any soil.

428	Sweet Sultan. Mixed.	.05
429	— Yellow. The most beautiful of the Sweet Sultan family. The flowers are remarkably long-lived, very fragrant and golden in color. Desirable for bouquets.	.05

Sweet Williams. (P.)

Well-known, beautiful, hardy perennials, about one foot high, making a most splendid appearance in May and June.

430	Sweet William, Single. Mixed.	.05
431	— Double. Mixed.	.10
432	— Auricular Eyed.	.05

No.	Thunbergia. (A.)	Per pkg.
	Very ornamental, trailing or climbing half-hardy annuals, admirably adapted for trellises or rustic work, or for the conservatory. A great acquisition for hanging baskets.	
433	Thunbergia Coccinea. A deep scarlet variety.....	.15
434	— Mixed. Flowers white and salmon, with rich maroon centres.....	.05

Tritoma Uvaria.

	A splendid evergreen perennial, producing flower-stems four or five feet in height, surmounted with spikes of red and yellow flowers. Remove the plants to the cellar in autumn.	
435	Tritoma Uvaria, or Red-Hot Poker Plant .....	.15

Venus Looking-Glass. (A.)

	A very pretty, hardy annual, succeeding well in any soil. Grows about one foot high, and is well adapted for borders.	
436	Venus Looking-Glass. Mixed.....	.05

Vinca. (P.)

	Beautiful, bushy plants, completely covered with flowers the entire summer, foliage evergreen. Start the seed in hot-bed.	
437	Vinca. Mixed .....	.10

Viola Odorata. (Sweet Violet.)

438	Beautiful, fragrant, hardy plants for beds and edgings, in moist, shady situations10
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Virginian Pigmy Stock. (A.)

	Extremely pretty, profuse-flowering little plants, remarkably effective in small beds, baskets or edgings.	
439	Virginian Stock. Rose and white mixed.....	.05

VERBENA. (A.)

	Well-known and universally popular bedding plants, blooming all summer. May be treated as half-hardy annuals.	
440	Verbena Hybrida Compacta Violacea. New blue flowering variety of the dwarf compact, upright-growing Verbena .....	.15
441	— Candissima Nana Compacta. Very dwarf. Pure white .....	.10
442	— Bright Scarlet. White Centre. The trusses of the flowers are of large size, with centres well marked.....	.15
443	— New Mammoth. Every flower, when well grown, measures fully nine inches in circumference, the single florets being large enough to cover a twenty-five cent piece.....	.20
444	— Hybr. Grandiflora, Purple Cloak. New variety, producing large trusses of deep velvety purple flowers, clear white centre .....	.15
445	— Hybrida Coccinea Foliis Aureis. Cloth of Gold. Highly effective, with golden-yellow foliage, which strikingly contrasts with the bright scarlet color of the flowers .....	.15
446	— Fine Mixed.....	.05
447	— Finest Mixed.....	.10



ZINNIA TOM THUMB.

Wallflowers. (P.)

	Very fragrant and ornamental, tender perennials, suitable for background and among-t shrubbery.	
448	Wallflower, Single. Mixed.....	.05
449	— Double. Mixed.....	.10

Xeranthemum. (A.) (See cut.)

	Very showy, free flowering everlasting flowers, valuable for winter bouquets.	
450	Xeranthemum Annum Superbissimum. Very showy, the flowers are as double as those of Double Buttercup.....	.10
451	— Double. Mixed .....	.05

ZINNIA. (A.)

(Youth and Old Age.)

A most splendid class of hardy annuals, succeeding well in any soil, and making a brilliant show. Start early in pots or under glass, and transplant one foot apart. The same flowers will retain their beauty weeks, and a profusion will be produced until frost.

452	Zinnia Elegans Grandiflora Plenissima. (New Giant Zinnia.) Extremely double globe-shaped flowers, from five to six inches in diameter, of various striking and brilliant colors..	.10
453	— Grandiflora Plenissima. Golden Yellow, Striped Scarlet. Very showy and beautiful .....	.10
454	— Tall. Finest varieties, double mixed .....	.05
455	— Double White .....	.10
456	— Dwarf Double White. Very desirable from its regularity of growth and beautifully shaped flowers.....	.10
457	— Haageana. Of dwarf branching habit; each petal yellow, flushed with orange. Valuable for beds, edgings or borders .....	.05
458	— Tom Thumb. Double Mixed. (See cut.) Very compact and free flowering .....	.10

CHRYSANTHEMUMS.

THE LEADING AUTUMN FLOWER.

There are no flowers that make such a magnificent display in the Autumn as these, with their almost endless variety of fanciful shapes, and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good, rich soil, with plenty of well-rotted cow manure. Water freely, and keep them well cut back until the first of August. If wanted for in-door blooming, they should be lifted about Oct. 1, potted, watered thoroughly and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than 50 degrees. In cold climates, winter in cellar.

	Price, postpaid, each. Per doz.	
Wm. H. Lincoln. A magnificent golden-yellow variety, extra large flowers, full and completely double; slightly incurved and free bloomer .....	.20	\$1.75
Cullingfordi. Beautiful dark mahogany-crimson flowers of rich velvety texture; petals finely reflexed. Extra fine...	.15	1.50
Mrs. Humphreys. Pure-white, very large and full; free blooming. A grand variety.....	.20	1.75
Ivory. Pure-white, incurved, splendid free flowering variety. Early.....	.30	3.00
Rohallion. Beautiful rich yellow, ball-like twisted petals. Fine for cut flowers. Early.....	.30	3.00
Mr. H. Cannell. Large finely-formed flowers, with broad petals; gracefully and regularly incurved; color, intense bright-yellow. Fine exhibition sort.....	.20	1.75
Christmas Eve. Pure snowy-white; each petal curves and twists, forming a ball of peculiar appearance. Late.....	.15	1.50
Mrs. C. H. Wheeler. Deep-crimson on upper side of petals, while the under side is old-gold. Very popular.....	.15	1.50
Marvel. Large, flat flower of rosette shape, ground pure-white, with blotch of wine color in centre. Great acquisition .....	.15	1.50
Ada Spaulding. Silvery-pink, large incurved flowers, double to the centre, broad petals. Unexcelled.....	.30	3.00
Mrs. Fottler. Flowers double, with long, pointed petals, developing into a large feathery ball of great beauty; color, soft rosy-pink.....	.20	1.75

MISCELLANEOUS BULBS

FOR FALL PLANTING. Ready in October



GROUP OF NARCISSUS.

NARCISSUS OR DAFFODILS

Plant five inches deep, and cover with three inches of leaves.

SINGLE.

	Each.	Per Doz.
Poeticus, or Pheasant's Eye. Pure white cup edged with red, splendid.	.05	\$0.35
Trumpet Major. Golden yellow trumpet.	.06	.60

DOUBLE.

Alba Plena Odorata. White, sweet-scented.	.05	.50
Orange Phenix. Large double white, orange centre.	.10	.85
Von Sion. The double yellow daffodil, fine.	.05	.50

POLYANTHUS.

(Desirable for House culture.)

	Each.	Per Doz.
Gloriosa. White, with orange centre.	.10	\$0.95
Grand Soleil d'Or. Golden yellow, very fine.	.10	.95

CHIONODOXA LUCILLÆ.

One of the most beautiful flowering bulbous plants ever introduced, producing spikes of lovely azure-blue flowers, with pure white centres. Hardy. (See plate.) 5 cts. each; 30 cts. per doz.

CHINESE NARCISSUS. (Sacred Lily of China.)

Flowers white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes should be used, into which put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each, 20 cts.

RANUNCULUS. (Double Buttercup.)

Plant three inches deep and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best mixture	Each .05.	Per doz. \$0.25
Ranunculus, Improved French Superb	" .05.	" " .25

HYACINTHS.

The most beautiful and fragrant of the Holland bulbs. Plant in the garden in October or November, from three to four inches deep, and protect from frost. For house culture plant the bulbs even with the surface, in good, sandy soil, water freely, and set away in a dark cellar for about six weeks. When placed in glasses, the water should only just touch the base of the bulb.

Double Blue	Each .08	Per doz. \$0.75	Single Red	Each .08	Per doz. \$0.80
Single Blue	" .08	" .75	Double Yellow	" .15	" 1.20
Double White	" .08	" .75	Single Yellow	" .12	" 1.00
Single White	" .08	" .75	Single Mixed	"	" .75
Double Red	" .08	" .75	Double Mixed	"	" .75

TULIPS.

Plant in October or November, five or six inches apart and three inches deep.

SINGLE.

	Each.	Per Doz.
Artus. Fine scarlet	.05	\$0.40
Blizzard Frankert. Yellow and red.	.05	.40
Couleur Ponceau. Purple shaded violet	.05	.50
Duchess of Parma. Crimson yellow edge	.05	.40
Jagt von Delft. White	.05	.40
Lac von Rhyn. Satin white and magenta	.05	.40
Silver Standard. White striped crimson	.08	.75
Yellow Prince. Fine yellow	.05	.50
Choice Mixed Single Varieties,		\$0.35 per doz.; \$2.00 per 100.

DOUBLE.

	Each.	Per Doz.
Blanc Borde. Purple and white, late.	.05	\$0.45
Duke of York. Carmine and white.	.05	.50
Gloria Solis. Scarlet with yellow margin	.05	.40
Helianthus. Fine yellow edged with red	.06	.60
La Candeur. Pure white	.05	.35
Paeony Gold. Golden yellow	.05	.40
Rex Rubrorum. Superb scarlet	.05	.45
Rosine. Bright rose	.05	.40
Tournesol Scarlet. Scarlet, yellow bordered	.05	.45
Duc Von Tholl Tulips. Mixed	.06	.65
Parrot Tulips. Choice colors	.05	.50
Choice Mixed Double Varieties,		\$0.35 per doz.; \$2.00 per 100.

ANEMONES.

No floral display excels in richness and beauty a bed of this flower. Plant in October or November, five inches apart, and three inches deep. As they are not very hardy, the bed should be well covered.

Single; best mixed	Each .05.	Per doz. \$0.35
Double; best mixed	" .05.	" " .35

CROCUS.

	Per doz.
Cloth of Gold. Bright Yellow	.12 \$0.70
Striped Sorts. Mixed	.10 .65
All Colors	.10 .60



CHIONODOXA LUCILLÆ.



FREESIA REFRACTA ALBA.

Freesia Refracta Alba.

A beautiful plant for parlor culture. Flowers pure white, with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Treat as hyacinths. Each 5 cts.; per doz., 35 cts.

Summer Flowering Bulbs and Plants.

READY IN APRIL.

GLADIOLI.

These showy flowers are very easily raised, and with their tall spikes and brilliant colors of almost every variety simple and blended, make one of the most magnificent displays of the flower garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, six inches apart in the row, and two inches deep.

Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, \$2.25; per doz., postpaid, 45 cts.

NEW COLLECTIONS OF GLADIOLI AT SPECIAL LOW PRICES.

No. 1 (Fine) 50 cts.; single bulbs, 8 cts.

Angele. Soft, mother-of-pearl color.

Napoleon III. Scarlet, white line in centre of petals.

Mad Monneret. Soft, rosy-pink, late variety.

Marie Lemoine. Upper divisions are pale creamy color, flushed salmon-lilac; lower divisions, spotted purplish-violet, bordered deep-yellow.

Le Titien. Very brilliant, rosy-scarlet.

Princess of Wales. White, flamed with carmine-rose.

Sylphide. White, large purple-carmine blotch.

Isaac Buchanan. Best yellow.

Ceres. Pure-white, spotted with purple-rose.

Stella. White, tinted with yellow, rose, flamed with carmine.

LEMOINE'S HYBRID GLADIOLI. (New.) For rich and vivid coloring, these have no equal. Emblazoned with the most intense burning and rich shades, they are wonderful. Price, per 100, per express, \$5.00; per doz., postpaid, 75 cts.

NEW GLADIOLUS, "SNOW-WHITE." (See cut.) The best White Gladiolus. The flowers are elegantly formed, and of great substance, lasting a remarkable length of time when cut. The spikes are of good size, set solidly and perfectly, with the flowers from bottom to top. The petals are gracefully recurved and, in many cases, beautifully crimped. Price, 25 cts.

No. 2 (Extra Fine). 75 cts.; single bulbs, 10 cts.

La Candeur. White, lightly striped with carmine-violet.

Diamant. Extra large, fleshy-white, blotched and streaked carmine.

Phebus. Brilliant red, pure-white blotch.

Meyerbeer. Brilliant scarlet, flamed with vermillion, red blotch.

Romulus. Intense dark-red, blotched with pure-white.

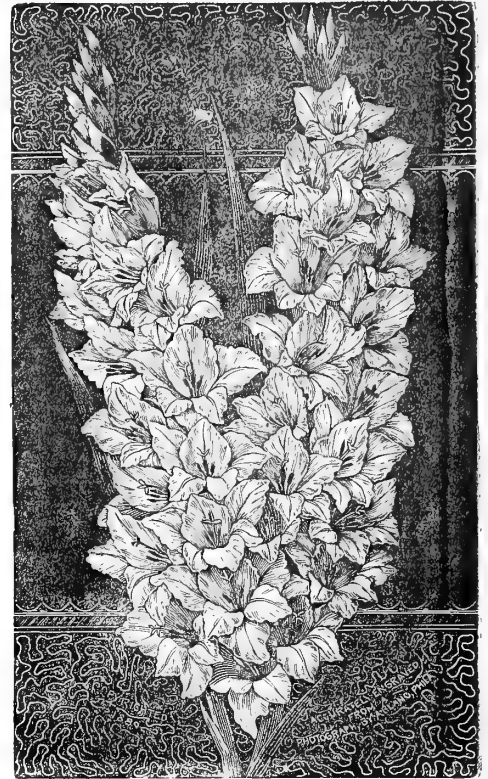
Amalthee. Pure-white, large violet-red blotch.

Astree. White, violet blotch, throat suffused with lilac.

Conquete. Bright cherry-red, pure-white blotch.

Reine Victoria. White, carmine-violet blotch. Very fine.

Addison. Dark-amaranth with white stripes.



SNOW-WHITE GLADIOLUS.

LILIES.

Plant deep where they are to remain; in winter, cover four inches deep with leaves or straw; feed them well.

	Price, postpaid,	Each	Per doz.
Auratum, Golden-Rayed Japan. Blooming in great profusion, and deliciously fragrant.	\$0.25		\$3.00.
Candidum. Very hardy; snow white and fragrant. One of the best for forcing.	.15		1.25.
Harrisii (Bermuda Easter Lily). (See cut.) Flowers large, trumpet shaped, of a pure waxy white; an incredibly free bloomer.	.20		2.00.
Longiflorum. Snow-white, trumpet-shaped lily; excellent for pot culture.	.15		1.75.
Roseum. White, spotted with rose.	.15		1.50.
Rubrum. Rose, spotted with crimson.	.15		1.50.
Wallacei. (New.) A magnificent Japanese variety with beautiful clear buff flowers, spotted with black.	.25		2.50.

Clematis.

Jackmanii. Flowers, large, intense velvety purple, four to six inches in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Perfectly hardy. Strong plants two years old, 75 cts.

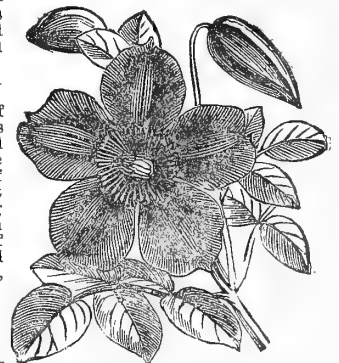
Henry. Strong vigorous grower, with large, creamy-white flowers. Excellent for cemeteries. Clematis needs the richest soil that can be given them, and are benefited by heavy mulchings in summer and fall. Each, 60 cts., postpaid.

Davidiana. This new Japanese Clematis is destined to be one of the finest of hardy shrubs. It is a stout, robust-growing perennial, making a top of three feet in height, with fresh, bright foliage. Its "porcelain-blue" blossoms, of the exact size and shape of the separate blossoms of the hyacinth, are borne in flat whorls of ten to twenty in the axils of the opposite leaves, the whole making a round, flat mass of flowers of this rare and very charming shade of blue, and most deliciously fragrant in fact, their odor is almost precisely like that of orange blossoms. It blooms through August and September, and is especially fine for cutting. Each, 25 cts., postpaid.

Paniculata. See page 9.

ROSE PÆONY.

Deep rose color. Most fragrant of all the pæonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25 cts., postpaid.



CLEMATIS JACKMANII.



BERMUDA EASTER LILY.

CACTI.

These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting.

Ten curious sorts, our choice, all distinct, for \$1.00; five for 50 cents.

Rainbow Cactus. (See cut.)

For beauty of spines, which are bright-pink, red, and white, in alternate rings, and for brilliancy of flowers, this has no equal. Flowers from 3 to 5 inches in diameter, crimson-violet, shading to white. Each, 30 cts.

THE QUEEN CACTUS.

Of rapid growth, sure to bloom, and easy to manage, bears flowers often 10 inches across, pure white, and delightfully fragrant. Each, 25 cts.

RHODODENDRON MAXIMUM.

(See cut.)

RHODODENDRON MAXIMUM.



RAINBOW CACTUS.

One of the finest of our hardy flowering shrubs, tall and broad-leaved, with large bunches of magnificent pink and white blossoms, flowering in May. This variety is an extra hardy sort, with more beautiful foliage than any other, being twice as large and very thick and smooth. Extremely ornamental and unsurpassed for lawn decoration. Price, 35 cts. each, postpaid.

ANEMONES (The Beautiful Wind-flowers).

Beautiful fall blooming plants of vigorous growth with handsome foliage. Their lovely large cup-shaped flowers are produced on long stems and are of great value for cutting.

Japonica Alba. (Honorine Jobert). Large, pure-white with yellow centre. Each, 20 cts.; per doz., \$2.00, postpaid.

Rosea. Flowers pink, very fine. Each, 20 cts.; per doz., \$2.00, postpaid.

SPIREA.

Spirea Japonica. A beautiful sort, with glossy foliage, and spikes of pure-white flowers. 25 cts. each, postpaid.

Spirea Van Houttei. A round, graceful bush with rich, glossy leaves, and far surpassing all other members of this great family in the superb beauty and gracefulness of its pure-white blossoms. Price, 30 cts. each, postpaid.

Helianthus Multiflora Plenus. A perfect gem that should be in every garden. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden-yellow, double flowers, about the size of a dahlia. The flowers are very desirable for cutting, remaining bright and fresh for days. Bulbs, each, 15 cts.; per doz., \$1.60, postpaid.



SINGLE TUBEROUS BEGONIA.

Begonias.

TUBEROUS ROOTED.

It is quite impossible to overestimate the worth of this interesting family of plants; every one should grow them. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid geraniums. We offer tubers from the finest strain of erect, large-flowered varieties, of dwarf habit, comprising all colors, scarlet, white, yellow, pink, etc.

Single, in Separate Colors. 30 cts. each; \$3.00 per doz.

Single, Mixed. 25 cts. each; \$2.25 per doz. (See cut.)

Double, Mixed. 40 cts. each.

Double Tuberose.

The Pearl. (See cut.) Beautiful, white, wax-like, very sweet-scented, double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Remove all off-shoots from the sides of the bulbs, start in the house in April, and transplant to the open ground for summer blooming. Planted in pots in the ground in April, and taken into the house when frost comes, they will freely bloom in December. First quality bulbs, each, 7 cts.; per doz., postpaid, 60 cts.; per doz., per express, 45 cts.



THE PEARL (DOUBLE TUBEROSE).

ROSES.

Select List of Choice Hardy Varieties for the Open Ground.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November; and several of the bushes the second season have grown shoots from five to nine feet in height. Price, per express, at purchaser's expense, 40 cts. each, or \$4.00 per doz.; per mail, postpaid, 50 cts. each, or \$4.75 per dozen, except when otherwise stated.

Vick's Caprice. (New.) Flowers large, slightly cup-shaped, but full and deep; petals thick and lasting, with ground color clear satiny pink, distinctly striped, and dashed with white and bright carmine. Buds very beautiful, showing stripes and markings to great advantage; 60 cts. each, postpaid.

Mrs. John Laing. (New.) Flowers large, semi-globular in shape, of an exquisite shade of soft-pink, and deliciously fragrant. A grand novelty; considered the finest hardy rose of its color ever offered; 65 cts. each, postpaid.

Magna Charta. Bright-pink, suffused with carmine.

Gen. Jacqueminot. Color, rich-crimson; of fine shape, and exquisite fragrance. The grand old variety.

Anna de Diesbach. Clear, bright-rose; very large and finely shaped; full and fragrant.

Paul Neyron. Bright, shining pink; flowers very double and full, finely scented; probably the largest rose grown.

Coquette des Blancs. Pure snowy-white, sometimes faintly tinged with pale-rose; blooms in large clusters; flowers medium size.

Antoine Mouton. Flowers of extraordinary size and fulness; very fragrant, color bright, clear-pink; reverse of petals silvery-rose.

Alfred Colomb. Cherry-red, shaded crimson, large, full, and sweet.

Charles Lefebvre. Brilliant-crimson, with deep-purple centre.

John Hopper. Dark-rose color, crimson centre.

Madame Gabriel Luizet. Delicate silvery-pink, shading off to white, beautiful shape; extra; 60 cts. each, postpaid.

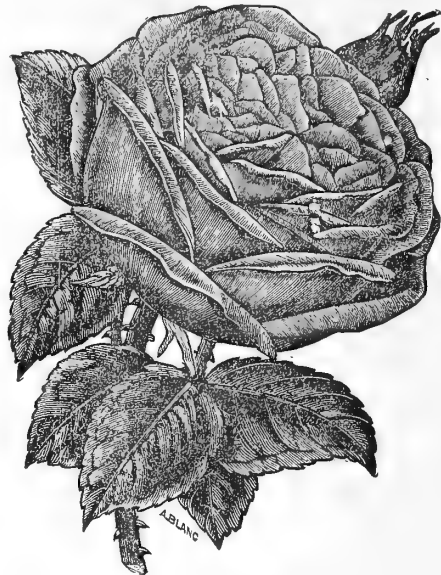
La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicious fragrance. (See cut.)

Baltimore Belle. (Climbing.) Pale-blush, very double, borne in clusters, the whole plant appearing a perfect mass of bloom.

Prairie Queen. (Climbing.) Clear, bright-pink, sometimes with white stripe; very double and full; one of the finest.

Luxembourg. (Moss.) Bright crimson-scarlet, large, double, very sweet and mossy.

Rosa Rugosa. See page 9.



LA FRANCE.

POLYANTHA, OR MANY-FLOWERED ROSES.

This class is a most valuable addition to hardy garden roses. They are quite dwarf, and bloom constantly, bearing the most charming clusters of miniature blossoms; 40 cts. each, by mail, postpaid.

Floribunda. Pale-rose, very double, and borne in large clusters. A constant bloomer.

Mignonette. Flowers perfectly double, and deliciously perfumed. Color, clear-pink, sometimes white, flushed with rose.

Miniature. Flowers in wreaths and clusters almost covering the plant. Color, cream-rose, flushed peachy red, very fragrant.

TIGRIDIAS.

(Mexican Shell Flower.)

Very beautiful summer-flowering bulbs, producing in great profusion large, gorgeous flowers, exquisitely spotted. The bulbs should be planted about six inches apart, in a warm, sunny location.

Tigridia Conchiflora. Rich dark-yellow, spotted with crimson; 5 inches across; 10 cts. each, 3 for 25 cts.

Tigridia Grandiflora. Enormous flowers, rich dark-scarlet, the inner part yellow, heavily marked with deep-crimson; 10 cts. each, 3 for 25 cts.

Tigridia Grandiflora Alba. The white Tigridia. Another gorgeous flower; petals large and wide; centre of flower largely blotched with red and violet; 10 cts. each, 3 for 25 cts.

Tigridia Grandiflora Lilacea. (New.) Certainly a remarkable flower, scarcely any two being alike. They vary from a white, washed and striped with soft-lilac, to a dark-violet on a lighter ground. A beautiful contrast to the yellow and scarlet varieties. The flowers, often six inches, are borne in the greatest profusion throughout the season; 50 cts. each.



TIGRIDIA.

CARNATIONS.

We consider the following varieties of carnations as among the best of recent introductions; combining good form and beautiful colors with vigorous growth and free-blooming qualities. Price, 15 cts., each, postpaid. The collection of seven for 75 cts.

Silver Spray. One of the best whites in cultivation. Flowers large, perfect in form, and very fragrant.

Tidal Wave. Bright rosy-pink. Flowers large, of fine form, remarkably free bloomer.

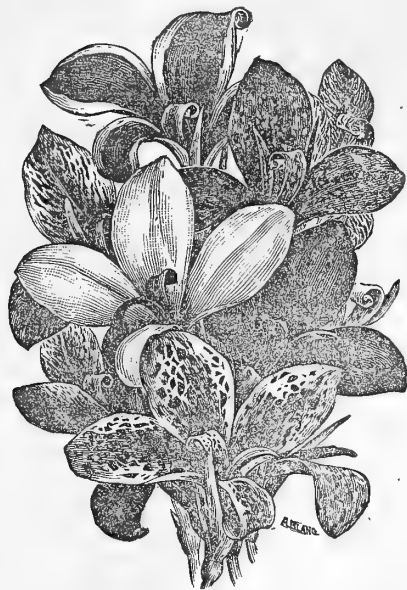
Anna Webb. Deep-maroon; plants strong and robust. Fine.

Golden Gate. Rich golden-yellow; flowers of the largest size and freely produced. Very hardy.

Portia. Brilliant-scarlet, beautiful rich color, profuse bloomer; plants of vigorous growth.

J. J. Harrison. White, beautifully edged and striped with pink. Very desirable.

Grace Wilder. Delicate-pink; unsurpassed in color; a fine variety in every respect.



FRENCH CANNAS.

CANNAS.

LARGE FLOWERING FRENCH.

CHOICE NEW VARIETIES:

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers, making fine bedding plants, and if grown in pots are equally fine for the greenhouse or conservatory. Every shoot blooms, and as often as a truss of bloom is past its prime another shoot pushes out beyond it; each stem blooms several times in succession, and, as the plants throw up numbers of shoots, they are a mass of most gorgeous bloom constantly.

Captain P. Suzzoni. Considered the finest yellow Canna yet introduced. Flowers large, with about as broad a petal as Madame Crozy, with a very large spike of bloom. Yellow, slightly mottled with scarlet; foliage light-green. Price, 90 cts. each, postpaid.

Miss Sarah Hill. Very dwarf, with numerous compact flower stalks. Flowers large, of a beautiful carmine-crimson. Price, 90 cts. each, postpaid.

Madame Crozy. Flowers flaming-scarlet, bordered with gold; a marvellous combination of colors, having all the delicacy and beauty of the rarest Orchid. The plants produce all the wealth, richness, and tropical luxuriance of foliage of the common kinds, added to which is the gorgeousness of their flaming panicles of bloom, which are borne in immense heads at the terminus of every shoot. Price, 70 cts. each, postpaid.

Star of '91. Very dwarf, and a mass of scarlet when in bloom. It makes a fine pot plant, blooming splendidly in the house in the winter, for which purpose it is admirably suited. Price, 65 cts. each, postpaid.

STANDARD, WELL-KNOWN SORTS:

Ehehami. Nothing can excel the effectiveness of this grand foliage plant. Massive, deep-green, banana-like leaves, with magnificent magenta flowers over three inches long and two inches wide. Price, 20 cts. each, postpaid.

Robusta. Beautiful, dark bronzy foliage, striped and shaded chocolate-maroon. Price, 25 cts. each, postpaid.

Adolph Wieck. Bright-scarlet. The flowers are so exceedingly brilliant and so numerous that for bedding it is indispensable; foliage light-green; habit dwarf. Price, 20 cts. each, postpaid.

Noutonii. Large cardinal-colored, velvety scarlet flowers, tall, erect grower. Price, 25 cts. each, postpaid.

Unnamed mixed sorts. Price, 12 cts. each, postpaid; \$1.20 per doz.

IRIS, FLEUR-DE-LIS.

Iris Germanica. These include the broad-leaved varieties, all resembling one another in foliage and habit, but totally distinct in flower. When taken as a whole they form a group unparalleled in beauty. Nothing can vie with them unless it is the Orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil or situation. Fine mixed varieties, 20 cts. each, postpaid; \$1.50 per doz.

Iris Kämpferi. A hardy Japanese variety producing the most gorgeous flowers, both single and double, many of them ten inches across, with an aggregation of colors quite impossible to imagine: red, white, blue, rose, crimson, and purple, striped, splashed and veined in the most exquisite manner. Plant in a moist, sunny place, and keep very wet during the summer. Price, double and single mixed, unnamed but showy varieties, 25 cts. each; \$2.50 per doz., postpaid.

DESNODIUM PENDULIFLORUM, "Sweet Pea Shrub." This new hardy plant is an annual top that shoots up three to five feet high and branches into multitudes of delicate, drooping sprays which become simply masses of red and violet pea blossoms always renewed, never ending till the frosts of late October cut the whole top down; and all this is easily produced in any kind of soil, and the first season you plant it out. Price, 30 cts. each, postpaid.

EXOCHORDA GRANDIFLORA. A large growing bush with full branching habit, making, finally, a plant ten feet high and perfectly hardy. Flowers pure-white, in racemes of five or six, with spoon-shaped petals, which are very narrow and stand apart at base, and have a delicate fragrance. Price, 30 cts. each, postpaid.

MADEIRA or MIGNONETTE VINE. A beautiful climber, of rapid growth, adapted to out-door growth in the summer or the house in winter. It completely covers itself with long racemes of deliciously fragrant white flowers. Tubers should be kept in cellar over Winter. Each, 5 cts.; per doz., 50 cts.

AMPELOPSIS VEITCHII. This is the famous creeper that clings to any building by means of its tendrils, no artificial support being needed. It is sometimes known as Boston Ivy. It is of an exceedingly rapid growth, hardy, requiring no protection. The foliage is very pretty, dense, and attractive, and when in the fall it gradually changes to nearly all the colors of the rainbow, presents a mass of brilliancy unequalled in its magnificence. Strong plants, eighteen inches high. Each, 30 cts., postpaid.

OLD-FASHIONED GARDEN PINK ROOTS. The delicious, sweet-smelling pinks of our grandmothers. Very hardy and easily grown. Each, 10 cts.; per doz., 75 cts., postpaid.

HONEYSUCKLE, BELGIAN. (Monthly Fragrant or Dutch Honeysuckle.) Blooms all summer. Red and yellow, very fragrant flowers. Each, 30 cts., postpaid.

HARDY PHLOX.

These hardy perennials are perhaps the most widely known of all the plants in our gardens, and certainly no perennial is more worthy of culture or more effective as individual plants or grouped in masses. We offer the following four choice varieties at 25 cts. each, postpaid:

Independence. Large and pure-white. Extra good.

Le Soleil. Brilliant china-rose, centre bright-rose surrounded with pale-rose tint.

Claude de Jouffroy. Reddish-violet, centre purple, large.

Moonlight. Beautiful silvery-rose.

HONEYSUCKLE, HALL'S JAPAN. A new variety from Japan, and considered a great acquisition. It is ever green and a constant bloomer; flowers pure white, changing to yellow; very fragrant. Each, 30 cts., postpaid.

CALADIUM ESCULENTRUM (Elephant's Ear). Fine tropical-looking plants, with enormous leaves. Very effective as single specimens for lawn decoration. Large bulbs, 30 cts. each.

DAY LILY. White. The largest-growing of the species. In rich soil they will in a short time make immense clumps that flower freely in August; 25 cts., each, postpaid.

POT-GROWN DAHLIAS. As hardy as those grown in open ground. Twenty-five varieties, of various colors, each, 20 cts.; per doz., \$2.00, postpaid.

GAILLARDIA CRISTATA TEMPLEANA.

This magnificent perennial delights in a rather poor, light soil, and blooms in the most wonderful profusion from June to November. The blossoms are from two to three inches across, in shape like a field daisy, but of most gorgeous coloring, centre dark red-brown, petals orange-crimson and red, shaded into rings of color. Each, 25 cts., postpaid.

WISTARIA.

Chinese Purple.

A hardy, strong-growing twining vine, with handsome luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price, 30 cts. each, postpaid.




WISTARIA.

Chrysanthemums. See page 61.

FERTILIZERS.

FERTILIZERS EXTRA RICH IN POTASH.

We catalogue this season three fertilizers made in accordance with our directions by a responsible firm, *which differ essentially from others in the market in the proportions of potash they contain.* Analysis has shown that the various crops have more potash in their composition than do the fertilizers which are made specially for them. It has been the belief that it was not necessary to feed crops all the potash they contain; that a portion of it they would find already stored in the soil. The extensive experiments made over a large extent of territory, under the direction of our Agricultural Colleges, the past two years, especially those under the charge of Prof. Whitcher, of the New Hampshire Station, and Prof. Brooks, of that of Massachusetts, have demonstrated that, as a rule, to which there are but few exceptions, many of our prominent crops, to produce profitable yield, need to have fed to them a much larger per cent. of potash than has heretofore been thought to be sufficient. To meet the want, we put upon the market this season three fertilizers *extra rich in potash.* The phosphoric acid in each of the formulas is obtained from bones.

Prices include delivery on board cars at Marblehead or Peabody, Mass. 

Gregory's General Combination Fertilizer For All Crops.

This is guaranteed to contain Ammonia, 4 to 5 per cent. Phosphoric acid, 8 per cent., 6 to 7 being available. Actual potash, 12 to 13 per cent. This will be found excellent for crops in general, early vegetables, as well as grain crops. The quantity to be applied per acre will vary with the crop to be raised, the condition of the soil, and nearness to good markets.

Price, per ton in 100 lb. bags, \$37.00; single bags of 100 lbs., \$2.25; bags of 50 lbs., \$1.50.

Gregory's Corn Fertilizer.

This is guaranteed to contain of Ammonia, 3½ per cent. Phosphoric acid, 7 per cent., 5½ being available. Actual potash, 15 per cent. This will also be found to be an excellent fertilizer for peas. If used in hills or drills, mix *very thoroughly* with the soil. When stable manure is ploughed in, 300 to 500 lbs. of the fertilizer in hill or drill will be ample.

Price, per ton in bags of 100 lbs., \$39.00; in single bags of 100 lbs., \$2.25; in bags of 50 lbs., \$1.50.

Gregory's Potato Fertilizer.

Guaranteed to contain of Ammonia, 5 to 6 per cent. Phosphoric acid, 7 per cent., 5 to 6 being available. Actual potash, 13 per cent. The potash is in the best combination for potatoes, the high-grade sulphate. The best growers plough in 4 to 6 cords of manure, and use from 500 to 1,500 of the fertilizer *very thoroughly* mixed with the soil in the drills.

Per ton, in bags of 100 lbs, \$40.00; per single bag of 100 lbs., \$2.50; in bags of 50 lbs., \$1.50.

AGRICULTURAL CHEMICALS, Etc.

Prices subject to market changes. Prices quoted are for delivery at Railroad or Express office at Boston.

FRESH GROUND BONE 3 to 4 per cent. Ammonia. 18 to 22 per cent. Phosphoric acid. Per 100 lb. bag, \$2.00; per ton, \$32.00.

SULPHATE OF AMMONIA 24¼ to 25¼ per cent. Ammonia. Per 100 lb. bag, \$4.00; per ton, \$72.50.

NITRATE OF SODA 94 to 96 per cent. purity. Per 100 lb. bag, \$2.75; per ton, \$50.00.

DISSOLVED BONE BLACK 15 to 18 per cent. soluble and available Phosphoric acid. Per 100 lb. bag, \$1.50; per ton, \$28.00.

DISSOLVED BONE 2 to 3 per cent. Ammonia. 10 to 12 per cent. soluble and available and 12 to 14 per cent. total Phosphoric acid. Per 100 lb. bag, \$1.75; per ton, \$32.00.

DRY GROUND FISH 10 to 12 per cent. Ammonia and 8 to 10 per cent. of Bone Phosphate. Per 100 lb. bag, \$2.00; per ton, \$35.00.

DRIED BLOOD 12 to 14 per cent. Ammonia. Per 100 lb. bag, \$2.10; per ton, \$37.00.

MURIATE OF POTASH 80 to 85 per cent. purity. Per 100 lb. bag, \$2.50; per ton, \$43.50.

HIGH GRADE SULPHATE OF POTASH 90 to 95 per cent. sulphate of potash; 50 to 52 per cent. actual potash. Per 100 lb. bag, \$2.85; per ton, \$52.50.

POULTRY SUPPLIES.

Prices quoted are for delivery at Railroad or Express office at Boston.

GROUND OYSTER SHELLS:—For fowls. Prepared from oyster shells thoroughly washed, dried, and made sweet, and then reduced so that it passes easily through a screen of 1-2 inch mesh, and almost entirely free from fine siftings. In 100 lb. bag, 75 cts.

GROUND BEEF SCRAPS:—Prepared from carefully selected scraps, and ground to the proper fineness. In 100 lb. bag, \$2.25.

ANIMAL MEAL:—A specially prepared egg-producing food for fowls. Made from fresh meat and fresh bones, carefully selected, dried and ground to a sweet meal, making a sweet, stimulating and highly nutritious food, which fowls and also pigs eat greedily. Advertising matter furnished free. In 100 lb. bag, \$2.25.

CRACKED BONE:—For fowls. Made from white selected bone and reduced to about the fineness of cracked corn. In 100 lb. bag, \$2.75.

 The last ten varieties of Onion Seed on page 46 are foreign grown, and therefore need to be sown thicker than the others.

SMALL FRUITS.

Prices, per mail, postpaid, or express at purchaser's expense. No discount.

Will our friends, if possible, kindly send in their orders for these, except Strawberries (which please see), by April 10?

STRAWBERRIES.

For hill culture, plant fifteen by fifteen inches; for matted growth, plant rows three feet apart, and plant one foot apart in the row. We can supply, in August, potted plants of those marked with a * at 50 cts. per doz., \$2.50 per 100; per express or freight at purchaser's expense. Those marked with "P" are pistillate varieties, needing staminate sorts near them. Shipping season from October 1 to May 15, except when the ground is frozen.

Few varieties do equally well in all localities or on all soil. These we have selected are not only in the first class because of their general excellence, but they come nearest to doing well in all localities and on all soil, according to the testimony of every Agricultural Experimental Station, and of the largest strawberry growers, which we can indorse in part from our own observation and experience.

***Parker Earle.** Speaking from our own experience we would rank this as *the one* strawberry for profit, for family use, or a near market. On our grounds, a rich old garden, with manure at the rate of eight cords to the acre, the yield on a plot of one hundred and fifty square feet was sixty-one quarts; which, after allowing one-fourth of the land for paths, would leave over four hundred bushels to the acre. Plant very robust; berries large and very uniform in size, oblong in shape, of a glossy, crimson color, of excellent quality but not very firm. It has yielded enormous crops, from Texas to Michigan, in both sandy and heavy soil. Bi-sexual, and therefore self-fertilizing. Price, by mail, postpaid, per doz., 40 cts.; per 100, \$1.20; by ex., per 100, \$1.00; 1,000, \$8.00.

***Beverly.** This is a seedling of the well-known Miner's Prolific, and may be called an improved Miner. Plants vigorous, foliage healthy, blossoms staminate, berries large, mostly conical; dark glossy crimson in color; texture firm, and quality excellent. Mr. Mathew Crawford, perhaps the highest authority on strawberries in the United States, believes it to be a great acquisition. Mr. George F. Beede, the well-known strawberry grower of Freemont, N. H., writes: "Among sixty varieties I am testing, for healthy foliage, vigorous growth and rapid increase of plant the Beverly was unsurpassed. I am confident it is a great acquisition to both our market and home list of strawberries." Evidently a first-class berry under high cultivation. Price, by mail, postpaid, per doz., 55 cts.; per 100, \$2.70; by ex., 100, \$2.50.

***Beder Wood.** Of this fine variety Mr. Mathew Crawford, of Ohio, says: "This is, in my opinion, the best early variety ever introduced, either for home use or market. The plant is faultless, and enormously productive. No rust yet. Fruit large, of fine form and color, moderately firm, and of good quality. Fortunately it makes many runners, and they will all be wanted as soon as its value is known." Price, by mail, postpaid, per doz., 40 cts.; per 100, \$1.20; by ex., per 100, \$1.00; 1,000, \$8.00.

***Lovett's Early.** This is probably a cross between the Crescent and the Wilson, being larger than either, as prolific, and excelling each of its parents in some good characteristics. The berries are of good size, of the brightest crimson, and excel all but the Wilson in firmness of flesh. They stand up well, and continue extra long in bearing. Quality very superior. The plants are very healthy and vigorous, and bi-sexual, and therefore self-fertilizing. It has been extensively tested at the Experimental Stations; and though all do not find it remarkably early, yet they class it as an excellent new variety. Price, by mail, postpaid, per doz., 40 cts.; per 100, \$1.20; by ex., 100, \$1.00; 1,000, \$8.00.

***Early Michael.** (New.) The best first early variety, of beautiful color; a good shipper; valuable market variety. Vines stout and vigorous. Price, by mail, per doz., 35 cts.; per 100, \$1.10; by ex., per 100, 90 cts.; by ex., per 1,000, \$5.00.

Haverland. (P.) (New.) Exceedingly productive, fruit large and fine, color bright-crimson; plant vigorous. Medium early. First-rate for market. Price, by mail, 35 cts.; per 100, \$1.10; by ex., per 100, 90 cts.; by ex., per 1,000, \$5.00.

Warfield. (No. 2.) (P.) (New.) An early market sort, rivalling the Crescent in yield, and exceeding it in size, beauty, and firmness. Berry large, beautiful; color dark-red. A good shipper. Price, by mail, per doz., 35 cts.; 100, \$1.10; by ex., per 100, 90 cts.; per 1,000, \$5.00.

Gaudy. (New.) Says Lovett: "This is the ideal late berry. Berries of mammoth uniform size and shape, very showy and of superior quality." Price, by mail, per doz., 35 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$5.00.

***Bubach.** (No. 5.) (P.) (New.) Wonderful in vigor of plant and yield of fruit. Not a shipping berry, but simply A-1 for family use. Second early. Price, by mail, per doz., 35 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$5.00.

Crescent Seedling. (P.) Wonderfully productive. A very profitable berry. Plant four by eighteen inches. Price, by mail, per doz., 35 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1000, \$5.00.

Sharpless. Vigorous grower; berries large; late. Price, by mail, per doz., 35 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$5.00.

Wilson's Albany. The old standard market berry. Price, by mail, per doz., 35 cts.; per 100, \$1.00; by ex., per 100, 80 cts.; by ex., per 1,000, \$5.00.

RASPBERRIES.

Plant Black Cap variety five feet apart each way, the other kinds four feet. Plant shallow, and cut back the canes. Leave but three or four suckers to grow.

Lovett. (Black Cap, New.) This new raspberry, in a test of several seasons, proves to be "as early as Doolittle, as large as the Gregg, perfectly hardy, very firm and a good keeper, very sweet, and of the finest flavor." Price, by mail, one, 15 cts.; by mail, per doz., \$1.40; by ex., per doz., \$1.25; by ex., per 100, \$7.00.

Rancocas. (New.) Red; hardy, early, and productive. Fine shipping berry. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

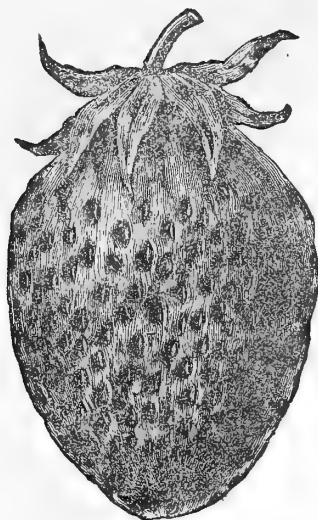
Marlboro'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

Gregg. (Black Cap.) The leading late black cap; very popular market sort. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

Cuthbert. Red; remarkably productive. Price, by mail, one, 12 cts.; by mail, per doz., 65 cts.; by ex., per doz., 50 cts.; by ex., per 100, \$1.50.

DEWBERRIES.

Lucretia Dewberry. This is decidedly the best of all the dewberries, or low running blackberries. As early or earlier than Early Harvest blackberry and larger than Erie. It is a superb fruit; large and handsome, of a shining jet-black, melting, and of a delicious quality. The plant is entirely hardy everywhere, a healthy, strong grower, and exceedingly productive. Price, by mail, one, 12 cts.; by mail, per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$2.25.



PARKER EARLE STRAWBERRY.



MARLBORO' RASPBERRY.



LUCRETIA DEWBERRY

SMALL FRUITS.—Continued.**BLACKBERRIES.**

Plant vines six by six, and treat as with raspberries, with the exception that they should be cut back to four feet.

Erie. (New.) Says Lovett: "There is no berry that rivals it in the four properties of hardness, size, earliness, and productiveness. None will compare with it for market or the home garden. Price, by mail, one, 15 cts.; per doz., 95 cts.; by ex., per doz., 80 cts.; 100, \$4.00.

Early Harvest. (New.) Extremely early; very productive; first-class in quality. Price, by mail, one, 12 cts.; per doz., 90 cts.; by ex., per doz., 75 cts.; by ex., per 100, \$2.50.

Kittatinny. Very large; exceedingly productive. Price, by mail, one, 12 cts.; per doz., 90 cts.; by ex., per doz., 75 cts.; by ex., per 100, \$2.50.

Snyder. The hardest; enormously productive. Price, by mail, one, 12 cts.; per doz., 90 cts.; by ex., per doz., 75 cts.; by ex., 100, \$2.50.

Lovett's Best Blackberry. Mr. Lovett, the well-known nurseryman, thus discourses on his new blackberry: "Its strong points are, enormous yield, great hardness of cane, earliness in ripening, large and uniform size and shape, jet-black color (never turning red after gathered), fine appearance and excellent quality." It appears to be hardy, having been exposed to a temperature of several degrees below zero without injury even to the terminal bud. Price, by mail, one, 20 cts.; per doz., \$1.65; by ex., per doz., \$1.50; by ex., 100, \$10.00.

GRAPES.

One-year-old vines. Will send two-year-old vines for half as much more.

Soil should be dry and warm. Plant nine by six. Cut back, in fall, to two eyes. Cedar posts and wire for trellis.

Empire State. Very hardy, white; tender, juicy, sweet, and rich. Price, by mail, one, 25 cts.; by mail per doz., \$1.40; by ex., per doz., \$1.20.

Niagara. White, ripens with Concord; good bearer. Price, by mail, one, 20 cts.; per doz., by mail, \$1.20; by ex., per doz., \$1.00.

Pocklington. Golden color, berries large, sweet. Price, by mail, one, 20 cts.; by mail, per doz., \$1.20; by ex., per doz., \$1.00.

Moore's Early. Fine purple; remarkably early. Price, by mail, one, 20 cts.; by mail per doz., \$1.20; by ex., per doz., \$1.00.

Concord. The standard purple market variety. Price, by mail, one, 15 cts.; by mail, per doz., 95 cts.; by ex., 75 cts.

Delaware. Well known. Unsurpassed for quality. Price, by mail, one, 20 cts.; by mail, per doz., 95 cts.; by ex., 75 cts.

The Salem Grape. The No. 15 of Mr. Rodgers' famous seedlings. This by many is ranked as the best of Mr. Rodgers' grapes. The vine is a strong grower, very productive, producing large bunches of red grapes of large size, very sweet, and with the rich flavor of its foreign parent. Price, by mail, one, 15 cts.; by mail, per doz., 95 cts.; by ex., 75 cts.

The Brighton Grape. One of the very best for quality. Vine a free grower, and productive. In color, form and size of both bunch and berry it resembles the Catawba, but is of a little lighter color. Ripens with the Delaware. One of the very best. Price, by mail, one, 15 cts.; by mail, per doz., 95 cts.; by ex., 75 cts.

Green Mountain (or Winchell Grape). An early white grape, ripening with Moore's Early. Clusters are of medium size and often shouldered; berries a little larger than those of the Delaware, greenish-white when fully ripe, skin thin and quality fine, pulp being tender and sweet, quite free from foxiness. The vines are of vigorous growth and apparently quite hardy. The introducers, who have grown this grape for several years, say of it: "We do not believe there is an early grape superior to it in quality, that bears younger, is more productive, or that is more desirable for an early grape than this one. It has not failed to produce or ripen a full crop in the three years we have tested it. The vine grows as strong as the Concord, and will flourish in any soil where the Concord grows. It is especially well adapted to be grown in northern localities, where many valuable varieties sometimes fail, or perhaps never ripen." This view of the originators we find heartily endorsed by the leading nurserymen and grape growers who have raised it. We asked one gentleman, who had the most extensive collection of the newer sorts of grapes at the annual exhibition of the Massachusetts Horticultural Society, which of all his numerous varieties he would recommend to the average man to plant, and he unhesitatingly pointed to the Green Mountain. Price, by mail, one, 50 cts.; by mail, per doz., \$5.20; by ex., \$5.00.

CURRANTS.

Plant on deep, strong, rich soil four by five feet apart. Cut back young shoots one-third every year. To protect from currant worms, dust with hellebore at time of blossoming, when dew is on, and repeat when fruit is full grown.

Fay's Prolific. As large as Cherry and with larger bunches; rapidly superseding it. Price, by mail, one, 20 cts.; per doz., \$2.15; by ex., per doz., \$2.00; by ex., per 100, \$10.00. (Cut much reduced in size.)

Cherry. Best, largest of the reds. Price, by mail, one, 12 cts.; per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$5.00.

White Grape. The best white. Price, by mail, one, 12 cts.; per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$5.00.

Victoria. A splendid variety; great bearer; bunches extremely long. Price, by mail, one 12 cts.; per doz., 85 cts.; by ex., per doz., 70 cts.; by ex., per 100, \$5.00.

Crandall. An American black currant; best of all blacks. Price, by mail, one, 15 cts.; per doz., \$1.15; by ex., per doz., \$1.00; by ex., per 100, \$8.00.

JAPANESE WINE BERRY.

Robust and hardy. Leaves large, dark-green above and silver-gray beneath. Each berry grows in a burr, which opens as the fruit ripens, which, running through all the shades from amber to crimson, makes one of the most brilliant displays known in horticulture. They have a rich and sprightly flavor, with a brisk sub-acid, making them fine for preserving. Price, 15 cts. each. By mail, per doz., \$1.15; by ex., per doz., \$1.00.

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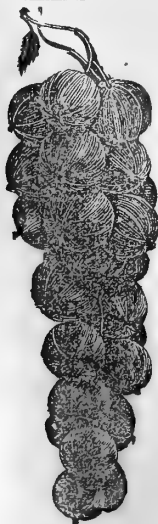
Bulbs and Shrubs, pages 62 to 66.

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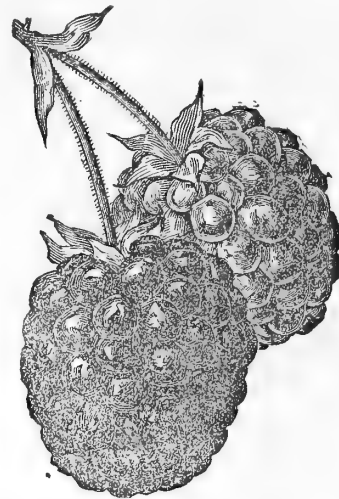
Small Fruits, pages 68, 69.

Implements and Requisites, pages 70 to 72.

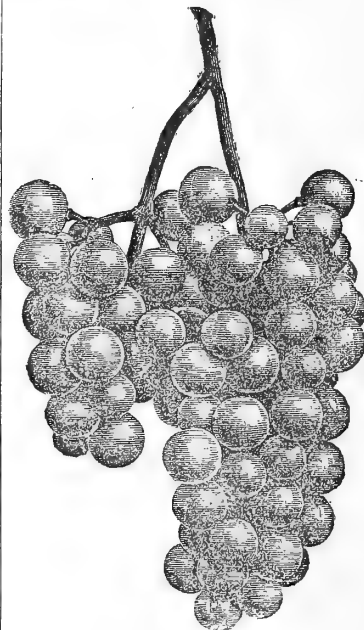
Books, second page of cover.



FAY'S PROLIFIC.

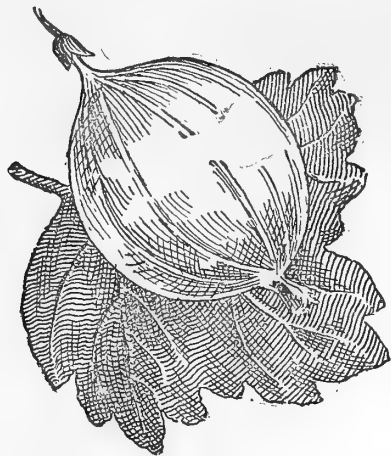


LOVETT'S BEST BLACKBERRY.



GREEN MOUNTAIN GRAPE.

SMALL FRUITS.—Continued.



RED JACKET GOOSEBERRY.

GOOSEBERRIES.

Plant three by four feet, in deep, rich soil, in as cool a location as possible. Protect from currant-worms by the use of hebebores, as directed for currants.

Red Jacket. (New.) Says Josslyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." Price, by mail, one, 75 cts.

Puyallup Mammoth. (New.) This is a new American seedling, growing berries an inch and a half long. It proves to be perfectly hardy and has thus far shown no signs of mildew. Price, by mail, one, 75 cts.

Triumph. (New.) Another new American seedling of the mammoth class; hardy and prolific. Until within a year, gooseberry raising in the United States has been confined to the small varieties, but now three new American seedlings come before the public, all of the mammoth class, equal to the famous English sorts. These will be likely to begin a revolution in the raising of this fine fruit. Price, by mail, one, 25 cts.; by mail, per doz., \$2.20; by ex., per doz. \$2.00.

Industry. (New.) We find this of large size, of good flavor, and very productive. A foreign variety, apt to mildew. Price, by mail, one 30 cts.

Smith's Improved. A large pale-yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, by mail, one, 25 cts.; by mail, per doz., \$2.20 by ex., per doz., \$2.00.

Downing's Seedling. Best of the hardy varieties. Price, by mail, one, 15 cts.; by mail, per doz., \$1.00; by ex., per doz., 75 cts.; by ex., per 100, \$5.00.

Houghton's Seedling. Not subject to mildew. Price, by mail, one, 15 cts.; by mail, per doz., \$1.00; by ex., per doz., 75 cts.; by ex., per 100, \$5.00.

IMPLEMENTS.

A. H. MATTHEWS' LITTLE GEM SEED DRILL.

This new drill, which was designed by Mr. Matthews, the inventor of the larger drill, is especially intended for farmers and small gardeners, who have long felt the need of a low-priced, reliable seed drill. The

"Little Gem" will make the drill, drop and cover all the seeds, such as turnip, carrot, sage, spinach, onion, parsnip, beet, etc., and mark the next row, as perfectly as the best twelve-dollar drills, and yet it costs only half the price. It is well made by experienced men. It weighs only twenty pounds, will last many

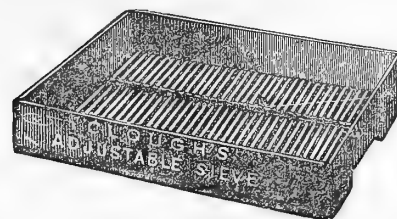
years, and is warranted to give entire satisfaction. It has acquired great popularity, and the sales have increased with each year. Price, per express or freight at purchaser's expense, \$5.00.

GLASS CUTTING AND GLAZING TOOL.



cuts glass as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about equally valuable, though it costs not one-twentieth as much. One we have had in use several years is now as good as ever. Sent, postpaid, for 12 cents.

CLOUGH'S ADJUSTABLE SIEVE.



"UNIVERSAL" Sieve would have been a better name, for we find that it will do the work for which we before required twenty or more different sieves. Capital for cleaning all sorts of seed, beans, peas, grain, etc. The black spot near the middle represents a screw by the turning of

which the crossbars can be brought nearer together, thus altering the distance between these bars, and practically making it a different sieve with every alteration. Price, per freight or express at purchaser's expense, \$2.00.

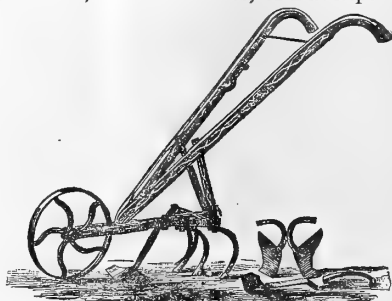
LANG'S HAND WEEDER.



This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantage of this over all other weeders of this class is, that it has a band which passes over the fingers, which when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cts.; mail, postpaid, 30 cts.

GEM OF THE GARDEN.

This hand cultivator has given great satisfaction among market gardeners. Our old customer, Mr. W. Holmes, of Davenport Iowa, writes to a dealer as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which, for thoroughness of work, adaptation to many crops and ease of handling, and shifting to any desired width or depth, equals the 'Gem' you sold me the past Spring. For onion or strawberry culture it leaves but little to be desired." A dozen other practical farmers testify to the same purpose. Price, per express or freight at purchaser's expense, \$5.00.



EXCELSIOR WEEDER.

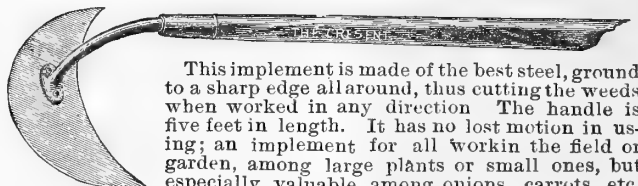
A handy and efficient tool in the flower and vegetable garden, to be used when weeds are small. By express, 25 cts.; mail, 30 cts.



CRESCENT SCUFFLE HOE.

This implement is made of the best steel, ground to a sharp edge all around, thus cutting the weeds when worked in any direction. The handle is five feet in length. It has no lost motion in using; an implement for all work in the field or garden, among large plants or small ones, but especially valuable among onions, carrots, etc.

For speed, ease, durability, and effectiveness, it is a rare implement. We have had one in use on our own grounds this season, and are very much pleased with it; it brings weeding as near play-work as any tool we are acquainted with. Price, per express, 80 cts. for blades 7 inches in width; 90 cts. for blades 9 inches in width.

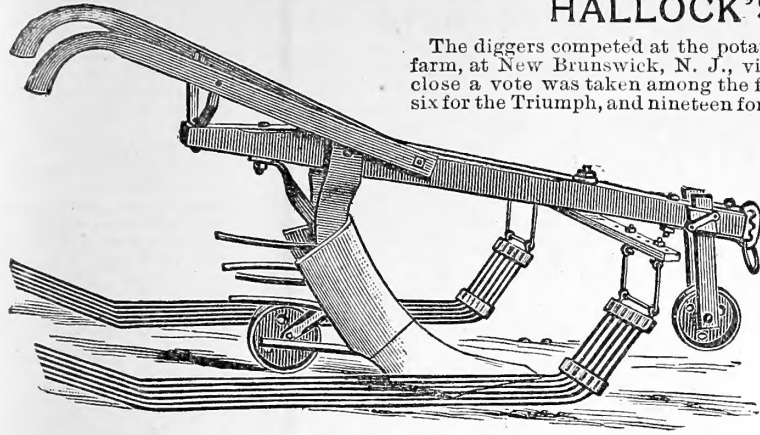


NOYES' HAND WEEDER.

This is an excellent little implement for hand weeding in bed sauce, such as onions, carrots, and the like; it is especially valuable where the ground is hard or baked. We have had them in use on our seed farms for several years, to our great satisfaction. Price, by express 25 cts. each; mail, 30 cts.



HALLOCK'S POTATO DIGGER.

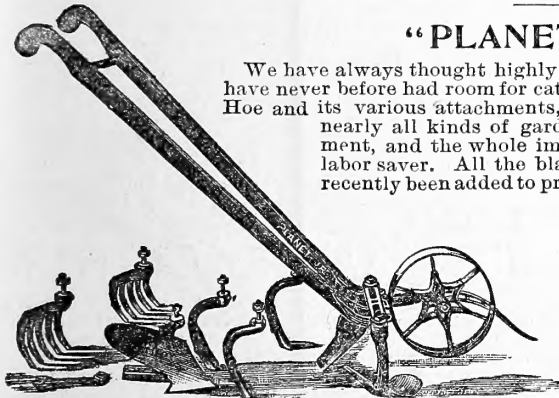


HALLOCK'S POTATO DIGGER.

The diggers competed at the potato-digging contest, open for all comers, at Mr. McCurdy's farm, at New Brunswick, N. J., viz., the Triumph, the Hoover, and the Hallock. At its close a vote was taken among the farmers present and the result was, four for the Hoover, six for the Triumph, and nineteen for the Hallock. As the result of the trial, we purchased one for our own use and find it superior, in the less power required and thoroughness of work done, to either the Allen or Common Sense digger which we had previously used; indeed, *where the ground is cleared from weeds and vines*, there is no necessity of digging after it, as the harrow will bring to light all that are not thrown out on the surface. Where the land is very weedy or the vines are green, we unhook the two wings and lay them aside. We find the Hallock a great labor-saver. It throws the potatoes on the surface entirely free from cuts or wounds of any kind.

Mr. P. B. Conets, of Flint, Mich., writes: "I have dug 10,000 bushels with the one purchased, and can turn out 500 bushels a day with five men. I would not take \$50 for it if I could not get another. I have had most all other diggers, costing from \$90 to \$125, but I would sooner have yours even at the highest price." Price, per exp., or freight at purchaser's expense, \$20.00.

"PLANET, JR.," SINGLE WHEEL HOE.



"PLANET, JR.," SINGLE WHEEL HOE.

We have always thought highly of some of the varieties of garden implements known as "Planet, Jr.," but have never before had room for cataloguing them. This season we catalogue one of them, viz., the Single Wheel Hoe and its various attachments, making it a hoe, cultivator, rake, and plough combined, capable of doing nearly all kinds of garden cultivation in a superior manner. The various parts are of easy adjustment, and the whole implement is a combination of lightness, strength and beauty, and a time and labor saver. All the blades are steel, hardened in oil, tempered and polished. A leaf guard has recently been added to prevent injury to the leaves in weeding spreading plants. The hoes work deep or

shallow, narrow or wide, up to sixteen inches, though for very wide or heavy work it is generally better to cut out the centre of the row rapidly, and do the close work afterwards. The rakes are good for killing weeds when they first make their appearance. Price, per express or freight, at purchaser's expense, \$5.50.



CYCLONE EXTERMINATOR.

CYCLONE EXTERMINATOR.

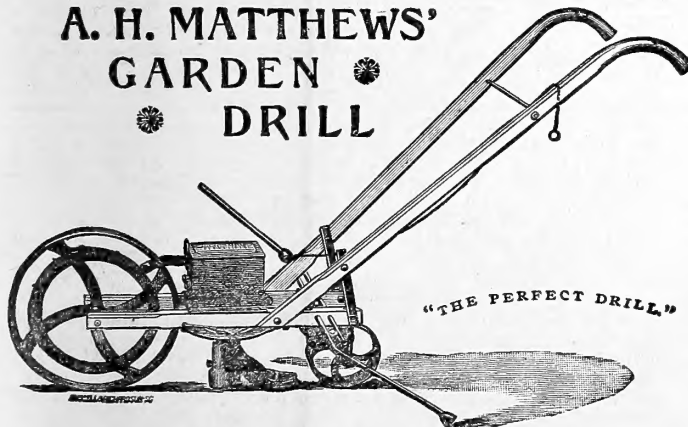
We are pleased to be able to introduce to our customers this season a machine which effectually applies Paris Green or London Purple directly to the vines. It entirely does away with the necessity of using water, plaster, or any other bulky adulterant; simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributor completes the whole business. In an hour an acre can be readily gone over, and as much of the arsenic in the Paris Green is dissolved by water the vines are never injured in the least. We depended wholly on this to protect our ten acres of potatoes. No more back breaking, lugging of water, simply point the spout towards the top of the vines turn the crank, and go ahead with your most rapid walk. A great time and labor saver.

Messrs Norton & Barry, of Smith's Ferry, Mass., write: "Your Cyclone worked finely on over twenty acres of potatoes."

Mr. S. Nickerson, of Yardville, N. J., writes: "One of my men took your exterminator in one hand and five pounds of Paris Green in the other after breakfast, and came back at noon with five acres thoroughly dusted, so that next day it was difficult to find a bug."

Price, per express or freight, at purchaser's expense, \$6.50.

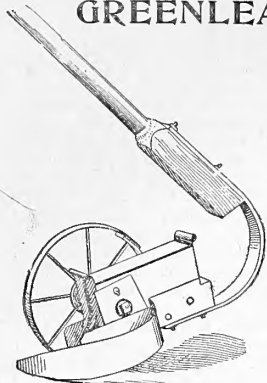
A. H. MATTHEWS' GARDEN DRILL



"THE PERFECT DRILL."

MATTHEWS' SEED DRILL.

Mr. Matthews' Seed Drill for 1890 has had added a new steel dial gauge and shut-off attachment; this connects by a chain and ring along the handle, by which the dropping of the seed can be instantly stopped. This drill is the one we use in sowing onion, carrot, beet, turnip, and sage seed. It opens the furrows, drops the seeds evenly and at the required depth, covers them, and lightly rolls the earth over the seed, which confines the moisture and promotes germination; it also, at the same time, traces the place for the next row. The Matthews is the only drill having the following good points, viz., 1st, A horizontal indicator, with the names of the different seeds on its top side. 2d, A perfected steel dial with pointers. 3d, It is so constructed that the flow of seed can be shut off when it is being moved from place to place. 4th, Its markers are made of wrought iron. 5th, Its markers hold each other up and can be operated entirely by the foot. 6th, There is a sliding weight on the markers. 7th, The handles can be raised or lowered to suit a boy or man. Price, per express or freight at purchaser's expense, \$8.50.

GREENLEAF'S SEED PLANTER.

A small, simple, handy, cheap but efficient little seed-sower for the kitchen-garden. We have given this little implement a careful test with so fine a seed as lettuce, also with spinach and beets, and find that it does very good work. It drops the seed very regularly. We can heartily recommend it to all our friends who plant a kitchen-garden, as a very convenient and back-saving labor saver. Its cheapness puts it within the reach of every one.

Price, per express at purchaser's expense, \$2.50.

Deakin's New Syringe (Letter H).

H Length of Barrel 18 in., Diameter $1\frac{1}{2}$ in.

All brass, 18 inches long, 1 1/2 inches in diameter. Strong, cheap, durable; fills quickly and discharges perfectly. The cheapest all-brass syringe made. Price, per express at purchaser's expense, \$2.00; letter K syringe, a size smaller, \$1.50.

Symmes' Patent Hay and Grain Cap.

SYMMES' PATENT HAY AND GRAIN CAP.

Made from wood pulp; thoroughly waterproof. They do not require fastening down. Size, 56 inches spread, 18 inches deep, and 4 feet in diameter. They will last a lifetime. One hundred when packed together take up a space of but three and one-half feet high, yet will cover from six to eight tons of hay. By cutting clover and grass in the bloom and letting it wilt a few hours, then coking, and covering with the caps, keeping off the dew and rain, it will cure well in the cock without injury.

Price, per express at purchaser's expense, 50 cts. each; per dozen, \$5.00.

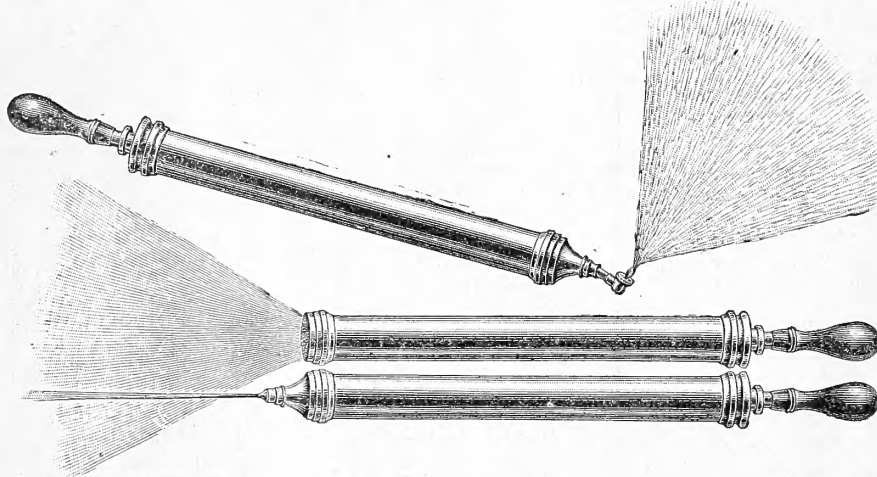
COMBINATION TOOL.

This tool, in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a corkscrew, will be mailed, postpaid, for 15 cts.

INSECTICIDES AND FUNGICIDES AND SPRAYING OUTFITS.

The extensive experiments made at the various agricultural colleges, supplemented as they have been by prominent fruit growers and vegetable raisers all over the United States, have demonstrated the efficient work done by the Bordeaux and other insect and fungus-killing preparations. **THEY HAVE COME TO STAY.** The fungicides and insecticides when intelligently applied (send to your agricultural colleges for reports giving full directions) prevent rot, mildew, and other diseases in vineyards; potato leaf blight and rot; leaf blight and rust in strawberries, raspberries, blackberries and gooseberries; prevent or greatly check apple-scab, pear and plum leaf blight, peach and plum fruit rot, destroy the canker-worm, tent-caterpillar, and codling-moth, and exterminate the various forms of animal life injuring the leaves of cabbages, squashes, melons, cucumbers, currants, and gooseberries.

The four implements we advertise below make an excellent spraying outfit.

**THE HYDROSPRAYER.**

This style of syringe is the invention of the celebrated Dr. Fisher. It does much better work with the clear liquids than the various styles of force-pumps attached to barrels, and the same number of men can do an equal amount of work. The peculiar way in which the holes are made gives a six-foot spread to the spray, which will reach every portion of a tree within twenty-five feet of the operator. The brass syringe to which the nozzle is attached has a stroke of fourteen inches. It will be found very efficient in the application of all of the clear insecticides or fungicides to the orchard, grapery, garden, and greenhouse. Price of the hydrosprayer, \$5.00; cyclone nozzle, \$1.00; per express at purchaser's expense.

STAHL'S EXCELSIOR SPRAYER NO. 7.

It is adapted for throwing liquid solutions of all kinds to destroy noxious insect and fungus growth of every nature on plant, tree or vine. For washing windows and carriages, and showering gardens, it has no superior. In fact, in a diminished degree, it is capable of every use of an ordinary force-pump. It is always ready for use, and not liable to get out of order. It will throw water at the rate of eight to ten gallons per minute to a height of forty feet or more. With each pump is sent suction and discharge hose, connected, so that it requires no labor to put in immediate operation. Longer lengths of hose can be furnished if desired, for any outfit, at 15 cts. per foot.

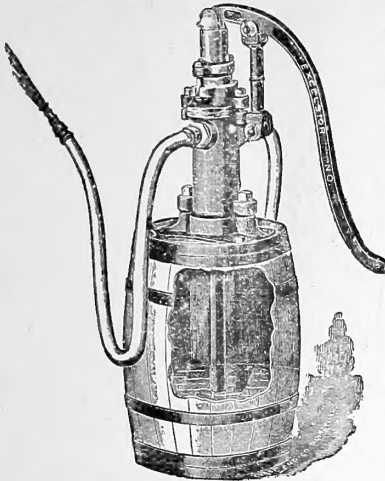
Price, with three feet of suction and three feet of discharge hose, brass discharge-pipe and rose sprinkler, \$7.00, per express.

I. P. Logan, Marion Co., Mo., says: "Stahl's Spraying Outfits are very convenient and effective. They are just the thing we need for driving away insects."

Geo. S. Josselyn, Fredonia, N. Y., writes: "Stahl's Sprayers are the best — better than two other kinds we have tried. They are well made, and do not need repairs."

William McClelland, Lassen Co., Cal., writes: "Stahl's Sprayers work very satisfactorily. I see a decided improvement from their use."

STAHL'S EXCELSIOR SPRAYER, No. 4.



It supplies the spraying nozzle and keeps the liquid stirred up in the barrel. One hundred trees per hour can be sprayed with this outfit. This pump is fitted with eight feet of hose and the Improved Orchard Nozzle. It is to be inserted in a barrel. Three feet of return hose is attached, with which is connected a discharge-pipe, so that at every stroke of the pump a small part of the liquid is re-discharged into the barrel near the bottom of suction-pipe, which keeps the poison and water well mixed, which is very essential, so as not to burn the foliage.

This outfit is also furnished with a fine strainer at bottom of suction-pipe, which effectually prevents

leaves or dirt from getting into pump or nozzles. We recommend the above outfit as especially adapted for orchard use.

Price of outfit complete (without barrel), per express or freight, with brass cylinder, plunger and rod, \$10.00.

STAHL'S EXCELSIOR KNAPSACK SPRAYER.

To be carried on the back of a man, knapsack fashion. From five to six acres a day can be sprayed with it.

This machine consists of a copper reservoir holding about five gallons. The pump, being made entirely of brass and copper, can neither rust nor corrode. There is a large air chamber inside of the reservoir which will keep up the pressure, and continues to discharge the spray for nearly one minute after the operator stops pumping.

A brass pipe fifteen inches in length, with a stopcock, is furnished with each machine, including the celebrated Vermorel Nozzle. This nozzle brings the liquid out in shape of a fine, mist-like spray. Price, per express or freight, \$12.00.



INSECTICIDES.

POWDERED HELLEBORE, PURE.

The standard protection of currants and gooseberry bushes from the currant-worm; also for grape slugs. Apply either dry or dissolved in water, using 1 lb. in 30 gallons of water. Per lb., postpaid, 45 cts.; per ½ lb., 25 cts.; per lb., per exp., 30 cts.; per ½ lb., 18 cts.

PARIS GREEN, PURE.

Used for various purposes, for which see the bulletins of the various agricultural stations; in water, at the ratio of 1 lb. to 5, 50 to 200 gallons. Certain death to all insects. (Not available.) Per lb., per exp., 30 cts.; per ½ lb., 18 cts.

GISHURST'S COMPOUND.

A well-known English remedy for the destruction of the pests of the greenhouse, the scab, mealy-bug, red-spider to thrive on. Per lb., postpaid, 65 cts.; per exp., 50 cts.

LONDON PURPLE.

Cheaper than Paris Green; it is equally destructive of insects. The arsenic in it being more soluble, it needs to be used with some discrimination. Paris Green is the safer insecticide. (Not available.) Per lb., per exp., 25 cts.

HAMMOND'S SLUG SHOT.

This has given satisfaction for years as a destroyer of the turnip, cabbage, and beet fly, potato-bugs. It contains arsenic. To be dusted lightly on the plants. Per lb., postpaid, 25 cts.; per exp., 10 cts.; 5 lb. pkg., per exp., 30 cts.; 10 lbs., 50 cts.; 100 lbs., \$4.00

TOBACCO POWDERED, NO DIRT.

Dust while foliage is moist, to destroy rose lice, cabbage and turnip fleas. Per lb., postpaid, 25 cts.; per exp., 10 cts.; 5 lbs., per exp., 30 cts.; 10 lbs., 50 cts.

WHALE OIL SOAP.

Very effective as a wash for trees and plants; death to both insects and their eggs. 1 lb. to 4 gallons of water sprayed on will destroy aphids on all vegetables and plants infected by them. Per lb., postpaid, 35 cts.; per lb., per exp., 20 cts.; 5 lbs., per exp., 70 cts.; 10 lbs., \$1.25.

HASELTINE'S HAND WEEDER.

(One-sixth full size.)



This is not only a good weed and scraper, but with its point becomes a good implement for the thinning-out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil-tempered, 7-8 inch wide, 1-8 inch thick, and is sharp on all its edges. Capital for weeding, thinning, and stirring soil among onions, carrots, strawberries, etc. Price, per express, 25 cts.; mail, postpaid, 30 cts.

PERSIAN INSECT OR DALMATIAN POWDER.

One of the cleanest and safest of all insecticides. Invaluable to the housekeeper in clearing the house of flies and cockroaches. Per lb., postpaid, 65 cts.; per ½ lb., 35 cts.; per ¼ lb., 25 cts.; per lb., per exp., 50 cts.; per ½ lb., 27 cts.; per ¼ lb., 20 cts.

AMMONIACAL CARBONATE OF COPPER.

This is principally used to prevent rot in fruits. It is prepared as follows: Three ounces carbonate of copper and one pound carbonate of ammonia; pulverize each and dissolve in two quarts hot water. Add 50 gallons of water. Prices, Carbonate of Copper, per lb., postpaid, 90 cts.; per ½ lb., 50 cts.; per lb., per exp., 75 cts.; per ½ lb., 40 cts.; Carbonate of Ammonia, per lb., postpaid, 45 cts.; per ½ lb., 25 cts.; per lb., per exp., 30 cts.; per ½ lb., 20 cts.

BORDEAUX MIXTURE.

This is the most universally useful of all compounds for the destruction of fungus growth, including the rot of the grape and potato, and in combination with Paris Green or London Purple, it protects about all vegetable life from their insect and fungus enemies.

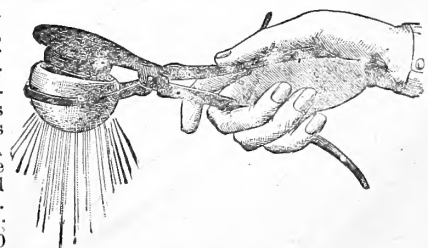
It is prepared as follows: Dissolve six pounds sulphate of copper (known also as blue-vitriol, or blue-stone,) in two gallons hot water. Add fourteen gallons cold water. Slack four pounds quick-lime in six gallons of water and stir thoroughly until it is thoroughly mixed. Pour the lime slowly through a strainer into the mixture and stir it thoroughly. Strain through fine gauze before using, to prevent clogging the spraying machine. It should be used while new. Price for Blue Vitriol in quantity varies from 10 to 15 cts. per lb.

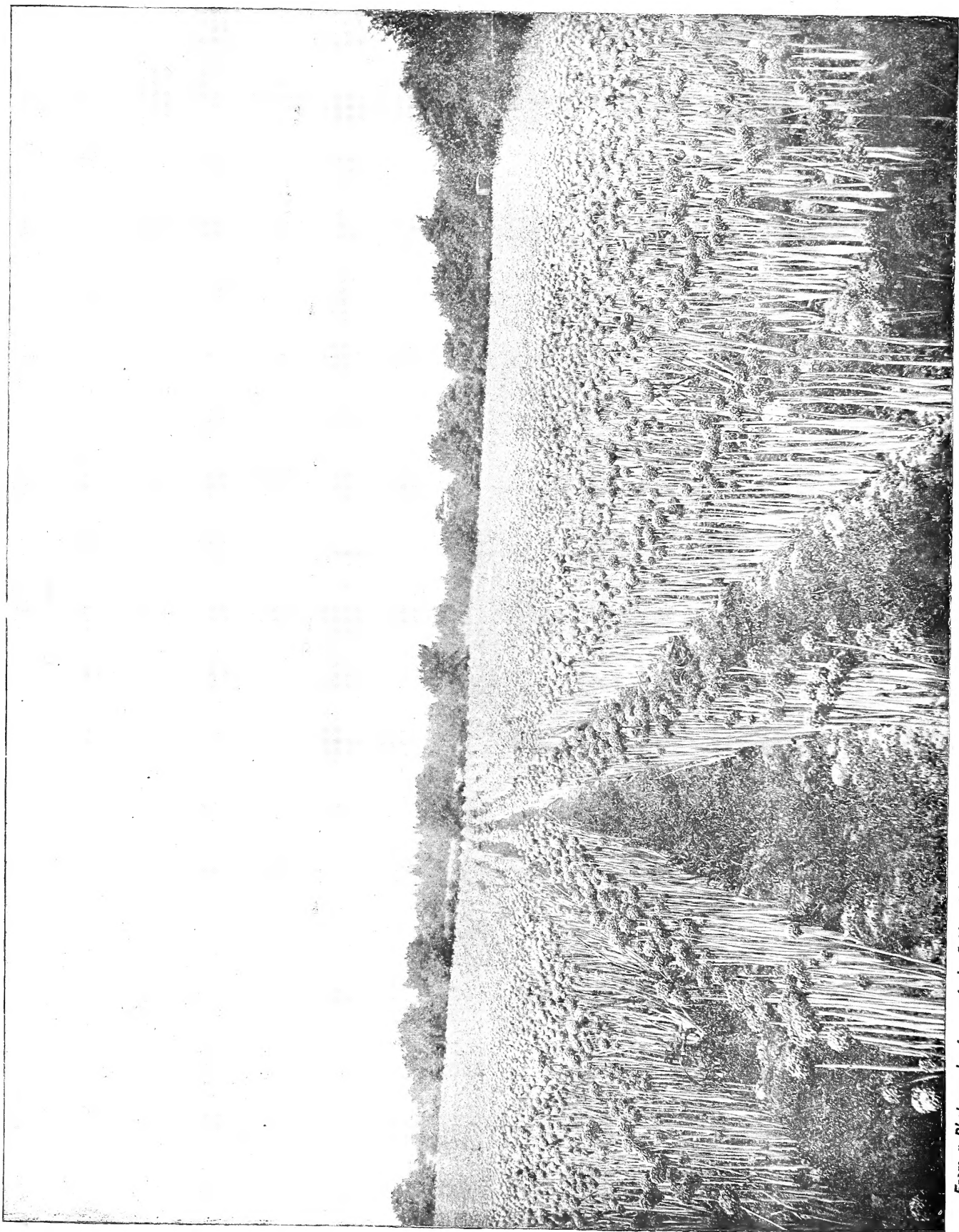
BOWKER'S AMMONIATED FOOD FOR FLOWERS.

This is a fertilizer prepared expressly for plants grown in the house, garden, or conservatory. It is clean, free from odor, harmless to use, mostly soluble in water, and produces healthy plants free from vermin, and early, abundant blossoms, to which it imparts a rich and brilliant color. Full directions for use on each package. Large packages. Per box, postpaid, 45 cts.; per exp., 30 cts.

GOLDMAN'S ATOMIZER.

For sprinkling flowers, clothes, carpets, and house plants, for destroying insects, for disinfecting and deodorizing rooms, this little implement fills the bill completely. For sprinkling where a fine spray is required it is perfection itself. Price per exp., 40 cts.; per mail, postpaid, 50 cts. Extra balls, 20 cts.





From a Photograph of one of six fields of Onion Seed, growing on J. J. H. Gregory & Son's Seed Farms, at Howes' Station, Massachusetts. Taken Sept., 1892.